

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042318\
 Data File : VX001052.D
 Acq On : 23 Apr 2018 12:29
 Operator : JC/MD
 Sample : VX0423WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

Manual Integrations
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 4/24/2018 6:07:41 PM

Quant Time: Apr 24 07:19:31 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	308430	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	294424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	204683	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	139602	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
35) Dibromofluoromethane	5.51	113	113814	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
50) Toluene-d8	8.72	98	410827	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
62) 4-Bromofluorobenzene	11.14	95	170967	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	59146	21.03	ug/l	98
3) Chloromethane	1.32	50	50138	19.15	ug/l	99
4) Vinyl Chloride	1.41	62	53180	19.60	ug/l	99
5) Bromomethane	1.65	94	35289	20.33	ug/l	99
6) Chloroethane	1.73	64	31906	19.79	ug/l	100
7) Trichlorofluoromethane	1.93	101	81529	20.00	ug/l	98
8) Diethyl Ether	2.19	74	29482	19.58	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	46686	19.54	ug/l	99
10) Methyl Iodide	2.51	142	28759	17.95	ug/l	99
11) Tert butyl alcohol	3.07	59	46660	107.65	ug/l	97
12) 1,1-Dichloroethene	2.38	96	44550	20.17	ug/l	94
13) Acrolein	2.30	56	19279	147.46	ug/l	100
14) Allyl chloride	2.73	41	79872	19.98	ug/l	99
15) Acrylonitrile	3.15	53	115305	98.30	ug/l	99
16) Acetone	2.45	43	117243	108.34	ug/l	99
17) Carbon Disulfide	2.57	76	113753	18.07	ug/l	99
18) Methyl Acetate	2.78	43	71118	21.72	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	148399	19.98	ug/l	99
20) Methylene Chloride	2.86	84	47869	20.07	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	46894	19.07	ug/l	98
22) Diisopropyl ether	3.88	45	154661	19.99	ug/l	99
23) Vinyl Acetate	3.83	43	633126	98.82	ug/l	99
24) 1,1-Dichloroethane	3.70	63	85007	19.58	ug/l	99
25) 2-Butanone	4.71	43	172007	101.82	ug/l	99
26) 2,2-Dichloropropane	4.59	77	75344	20.18	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	54270	19.81	ug/l	99
28) Bromochloromethane	5.03	49	35008	20.97	ug/l	97
29) Tetrahydrofuran	5.17	42	105179	98.52	ug/l	100
30) Chloroform	5.23	83	89050	19.81	ug/l	96
31) Cyclohexane	5.59	56	77612	19.16	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	80566	19.99	ug/l	98
36) 1,1-Dichloropropene	5.81	75	67508	18.63	ug/l	99
37) Ethyl Acetate	4.87	43	64896	19.52	ug/l	100
38) Carbon Tetrachloride	5.79	117	70559	19.23	ug/l	98

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Manual Integrations
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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79275	18.79	ug/l	97
40) Benzene	6.15	78	193663	19.22	ug/l	100
41) Methacrylonitrile	5.07	41	39272	18.92	ug/l	100
42) 1,2-Dichloroethane	6.21	62	76127	19.68	ug/l	99
43) Isopropyl Acetate	6.47	43	111049	19.47	ug/l	99
44) Trichloroethene	7.22	130	58703	19.07	ug/l	99
45) 1,2-Dichloropropane	7.52	63	50522	19.94	ug/l	99
46) Dibromomethane	7.67	93	34383	19.42	ug/l	100
47) Bromodichloromethane	7.90	83	64931	19.80	ug/l	98
48) Methyl methacrylate	7.79	41	59343	19.32	ug/l	98
49) 1,4-Dioxane	7.76	88	19677	435.67	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	347944	100.47	ug/l	99
52) Toluene	8.79	92	128396	19.52	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	77535	19.77	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	74298	20.09	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	50478	19.31	ug/l	97
56) Ethyl methacrylate	9.19	69	74965	19.52	ug/l	99
57) 1,3-Dichloropropane	9.38	76	83465	19.27	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	182522	97.40	ug/l	99
59) 2-Hexanone	9.50	43	270442	102.02	ug/l	98
60) Dibromochloromethane	9.59	129	54026	19.68	ug/l	100
61) 1,2-Dibromoethane	9.68	107	54215	19.65	ug/l	99
64) Tetrachloroethene	9.34	164	60636	19.39	ug/l	98
65) Chlorobenzene	10.15	112	150405	19.18	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	53298	19.81	ug/l	99
67) Ethyl Benzene	10.26	91	251067	19.28	ug/l	99
68) m/p-Xylenes	10.37	106	195620	38.12	ug/l	97
69) o-Xylene	10.71	106	95117	19.23	ug/l	98
70) Styrene	10.72	104	156585	19.22	ug/l	99
71) Bromoform	10.86	173	42507	18.77	ug/l	99
73) Isopropylbenzene	11.02	105	260361	19.46	ug/l	99
74) N-amyl acetate	6.47	43	111049	19.40	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	74132	19.57	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	71247m	20.06	ug/l	
77) Bromobenzene	11.26	156	73890	19.02	ug/l	98
78) n-propylbenzene	11.37	91	297909	19.39	ug/l	98
79) 2-Chlorotoluene	11.43	91	175981	19.39	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	219849	19.38	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	18172	17.93	ug/l	92
82) 4-Chlorotoluene	11.52	91	210476	19.19	ug/l	99
83) tert-Butylbenzene	11.77	119	222939	19.48	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	226218	19.38	ug/l	100
85) sec-Butylbenzene	11.95	105	262070	19.19	ug/l	99
86) p-Isopropyltoluene	12.07	119	244019	19.31	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	139407	19.17	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	140376	18.81	ug/l	99
89) n-Butylbenzene	12.39	91	214836	19.11	ug/l	100
90) Hexachloroethane	12.60	117	34683	19.37	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	135900	19.31	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15901	20.04	ug/l	96

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Misc : 5.0mL/MSVOA X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

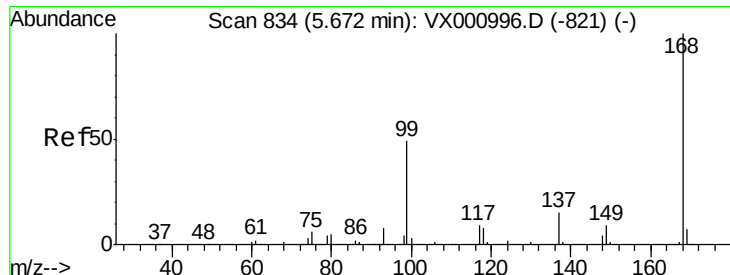
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	109736	18.57	ug/l	99
94) Hexachlorobutadiene	13.79	225	46299	17.32	ug/l	99
95) Naphthalene	13.84	128	283662	19.52	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	107809	18.86	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. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampled :

VX0423WBS01

Tot Ion:168 Resp: 226722

Ion Ratio Lower Upper

168 100

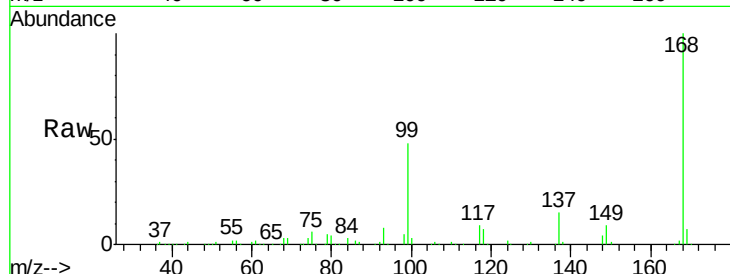
99 48.3 39.2 58.8

Manual Integrations

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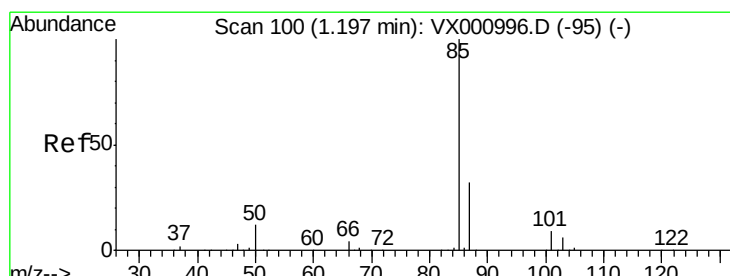
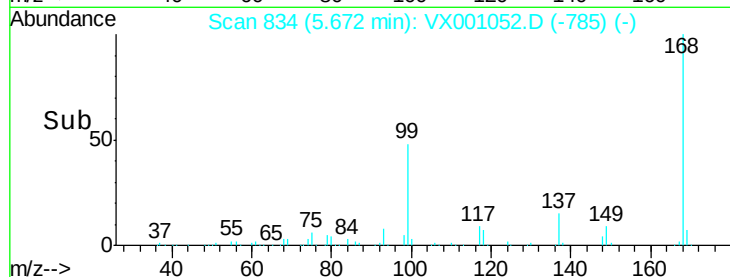
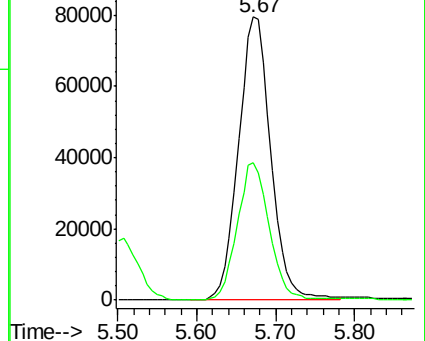
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.03 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001052.D

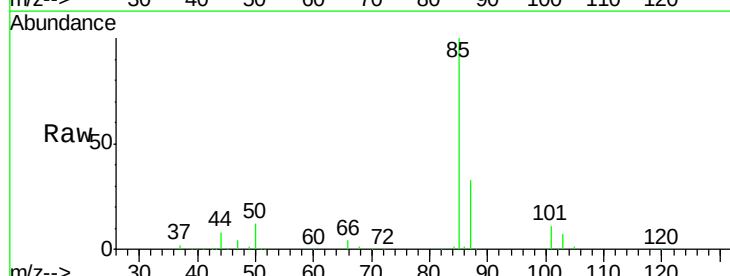
Acq: 23 Apr 2018 12:29

Tgt Ion: 85 Resp: 59146

Ion Ratio Lower Upper

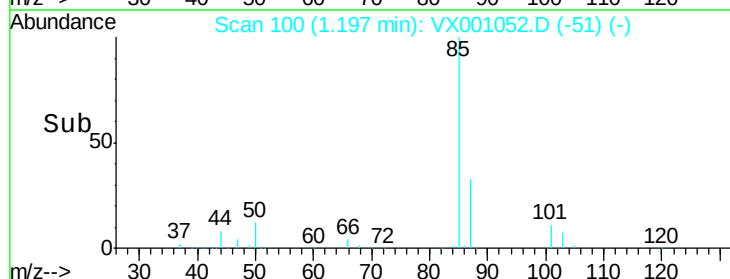
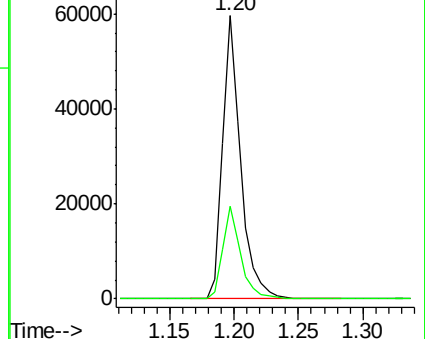
85 100

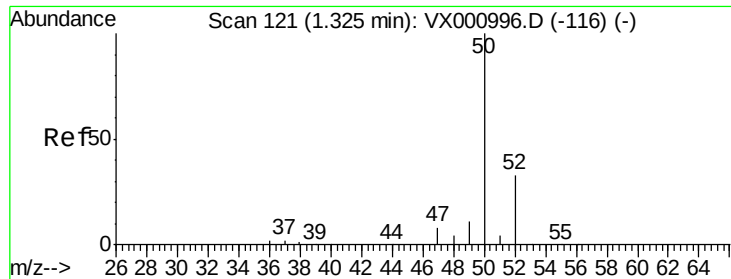
87 32.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.15 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

Tot Ion: 50 Resp: 50138

Ion Ratio Lower Upper

50 100

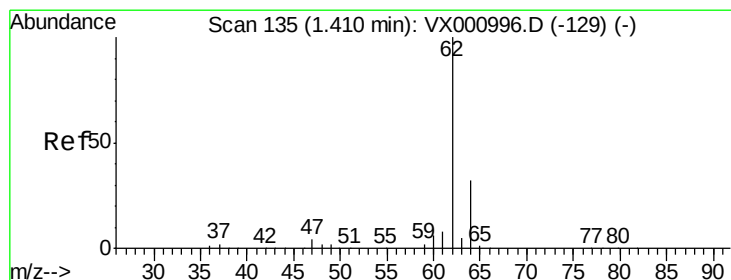
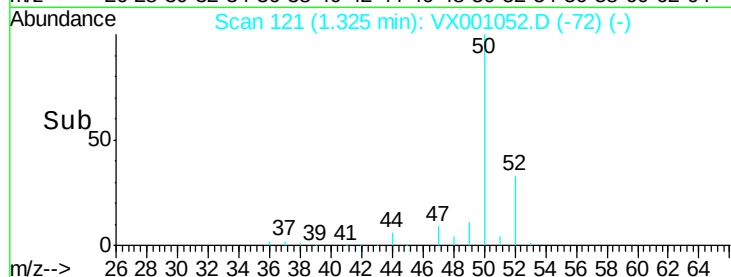
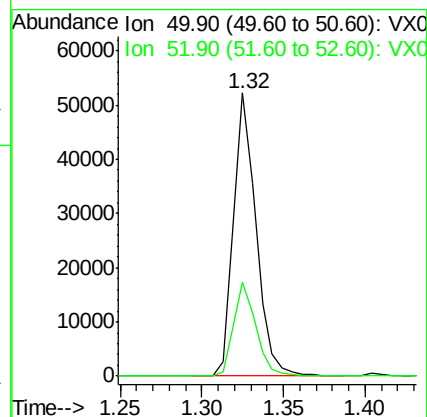
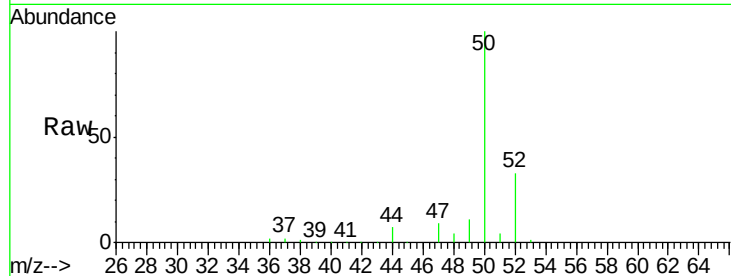
52 33.4 26.3 39.5

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#4

Vinyl Chloride

Concen: 19.60 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX001052.D

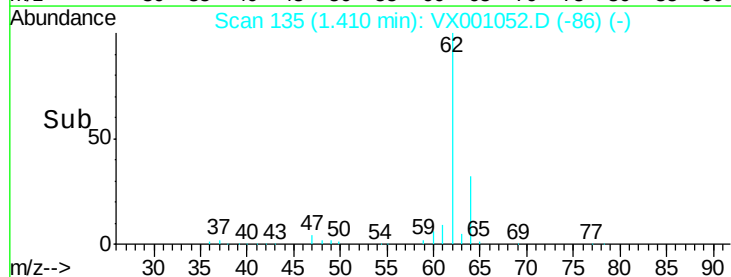
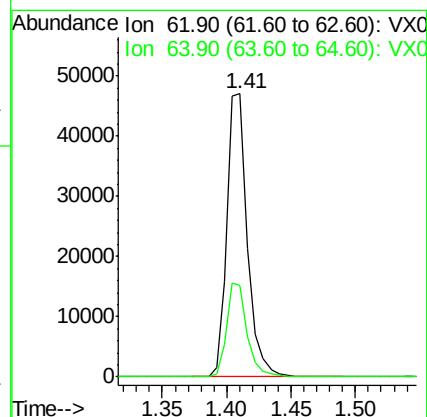
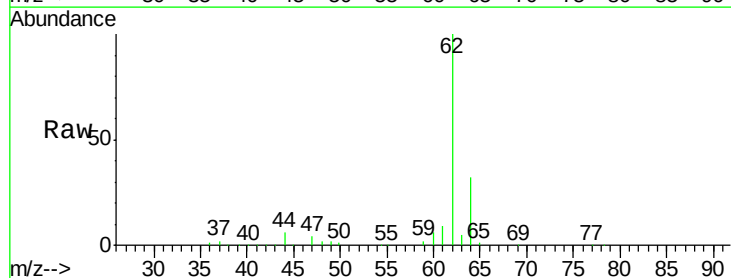
Acq: 23 Apr 2018 12:29

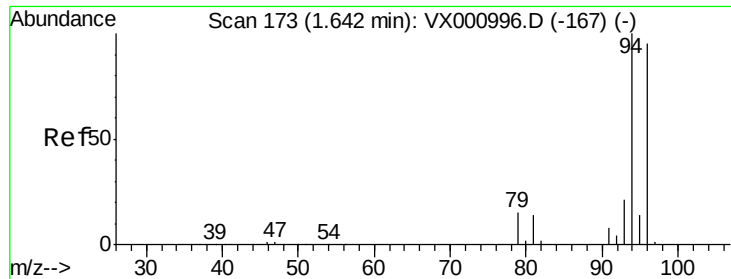
Tgt Ion: 62 Resp: 53180

Ion Ratio Lower Upper

62 100

64 32.4 25.6 38.4





#5

Bromomethane

Concen: 20.33 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

Tot Ion: 94 Resp: 35289

Ion Ratio Lower Upper

94 100

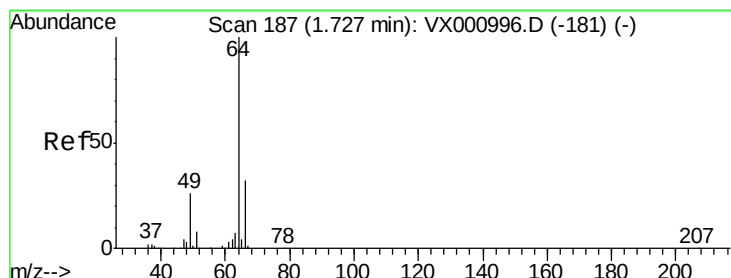
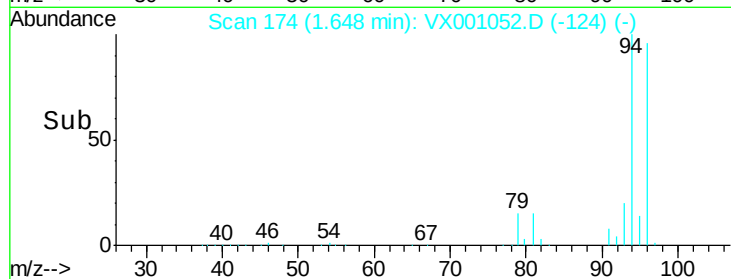
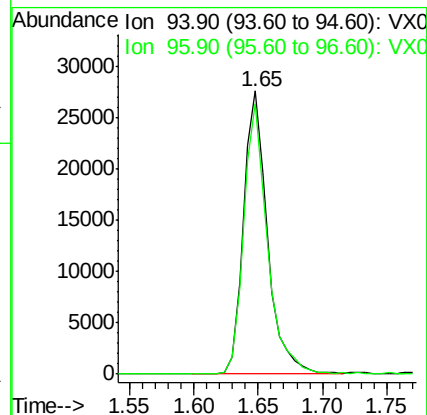
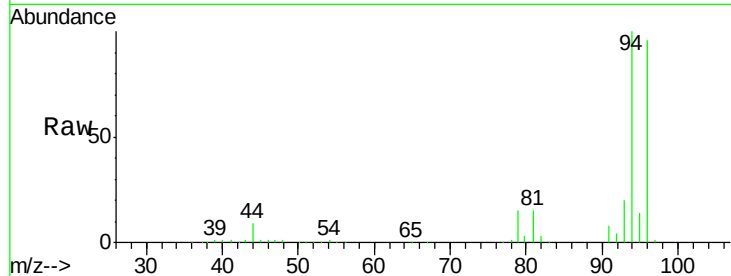
96 95.8 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 19.79 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX001052.D

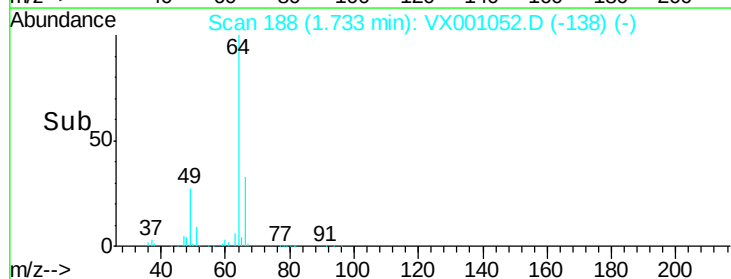
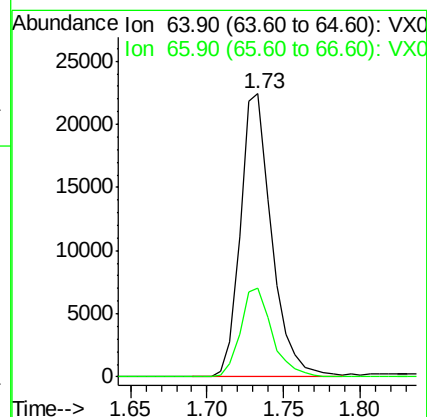
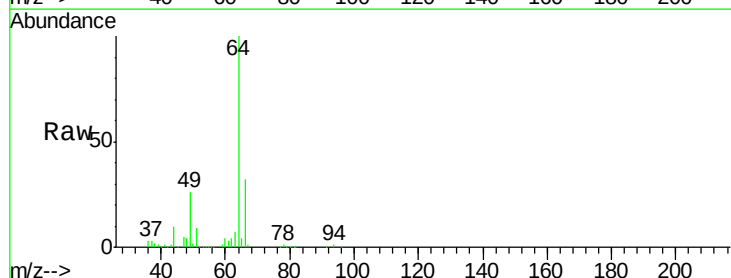
Acq: 23 Apr 2018 12:29

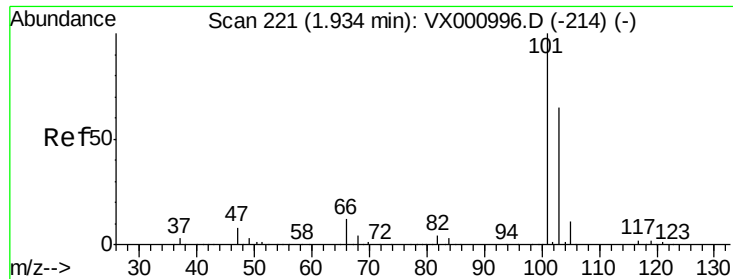
Tgt Ion: 64 Resp: 31906

Ion Ratio Lower Upper

64 100

66 31.5 25.3 37.9





#7

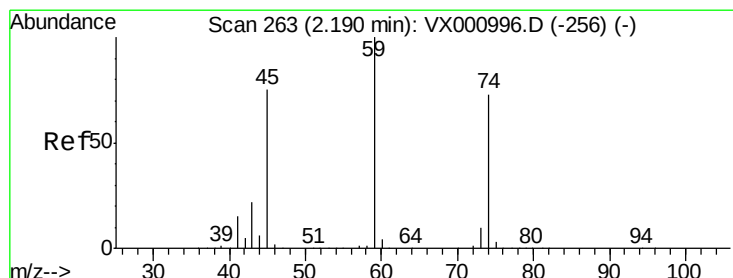
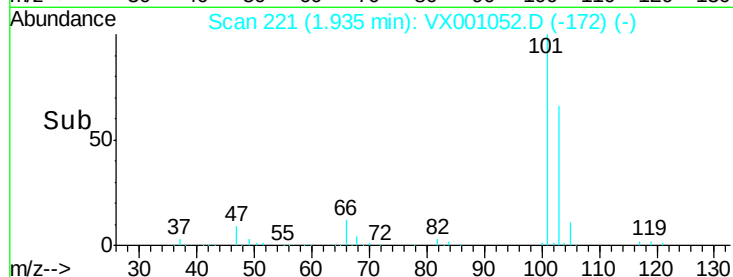
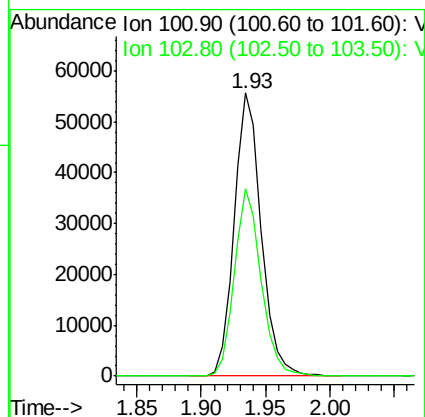
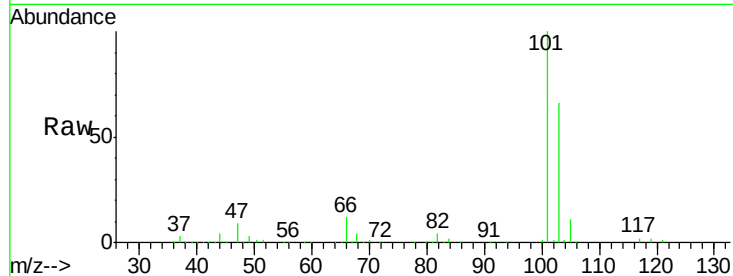
Trichlorofluoromethane
Concen: 20.00 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion:101 Resp: 81529
Ion Ratio Lower Upper
101 100
103 66.4 51.8 77.8

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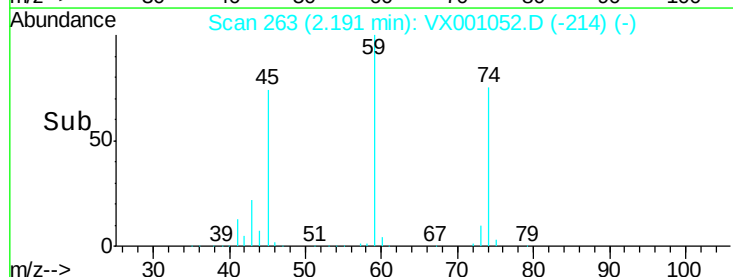
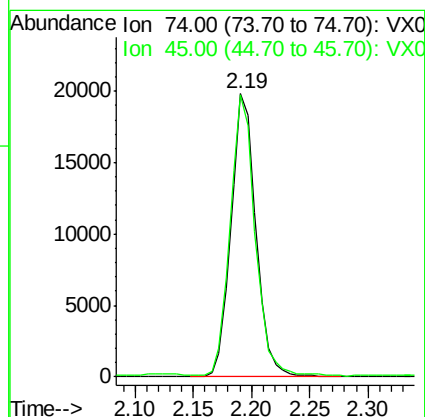
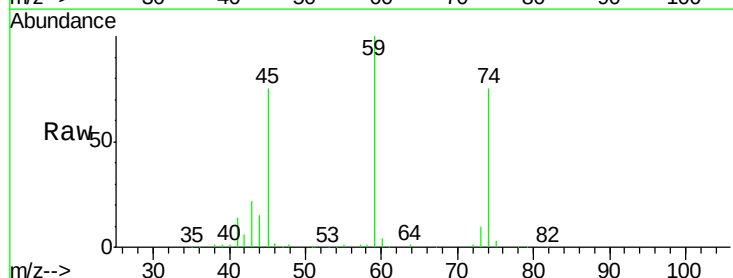
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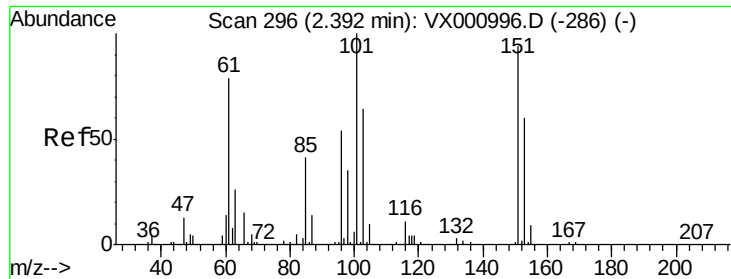


#8

Diethyl Ether
Concen: 19.58 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Tgt Ion: 74 Resp: 29482
Ion Ratio Lower Upper
74 100
45 99.7 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.54 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

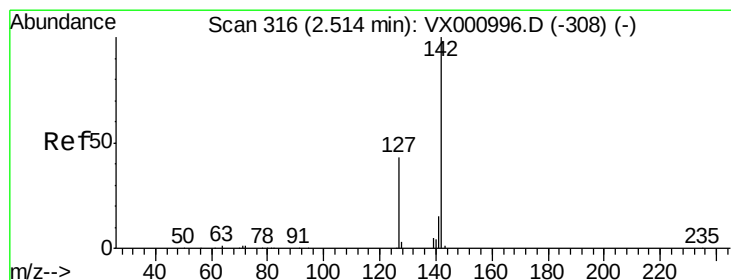
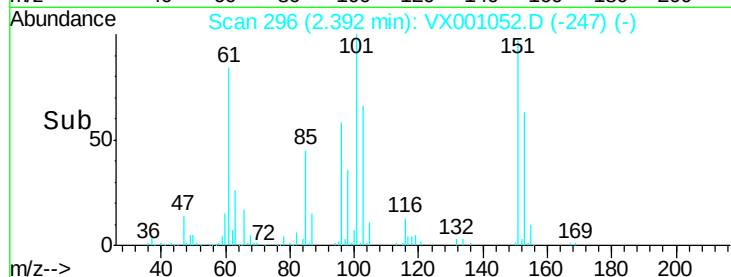
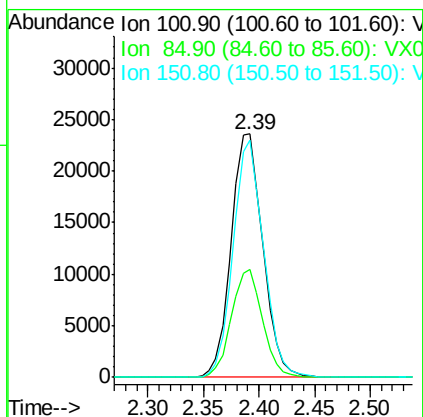
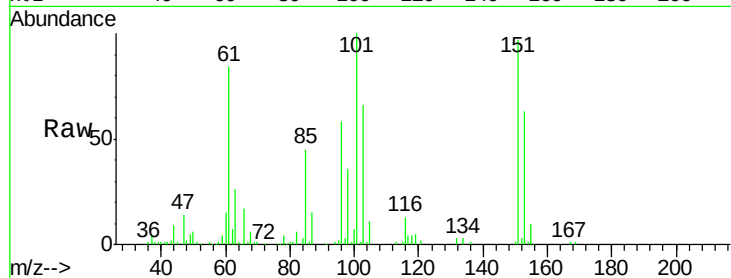
ClientSampleId :

VX0423WBS01

Tot Ion:	101	Resp:	46686
Ion Ratio	Lower	Upper	
101	100		
85	43.4	33.9	50.9
151	93.3	73.5	110.3

Manual Integrations
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#10

Methyl Iodide

Concen: 17.95 ug/l

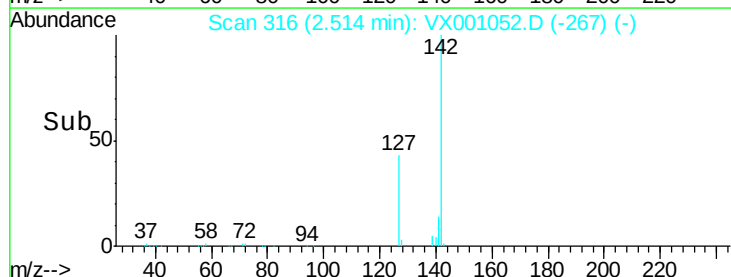
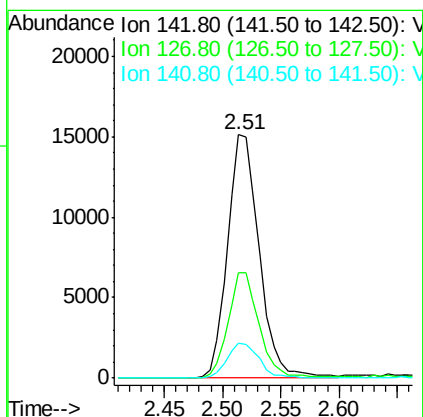
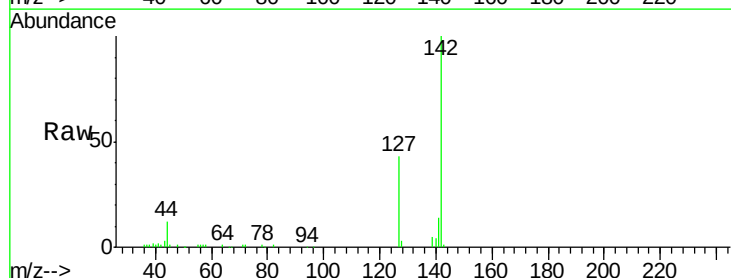
RT: 2.51 min Scan# 316

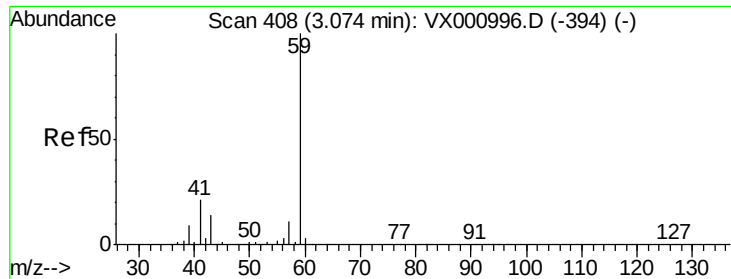
Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Tgt Ion:	142	Resp:	28759
Ion Ratio	Lower	Upper	
142	100		
127	42.2	34.0	51.0
141	14.5	11.4	17.2





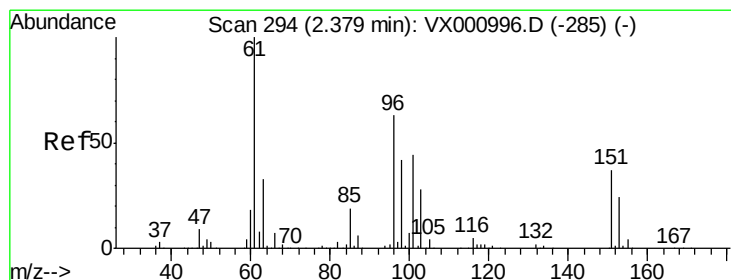
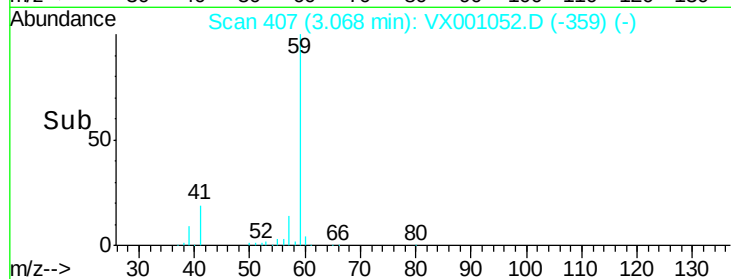
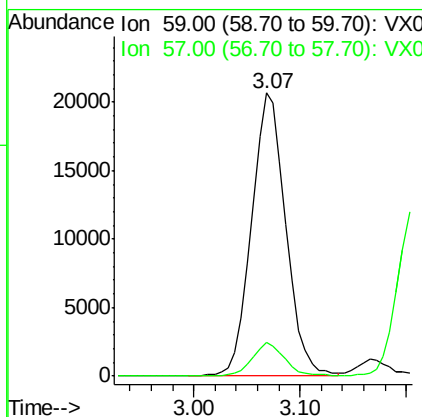
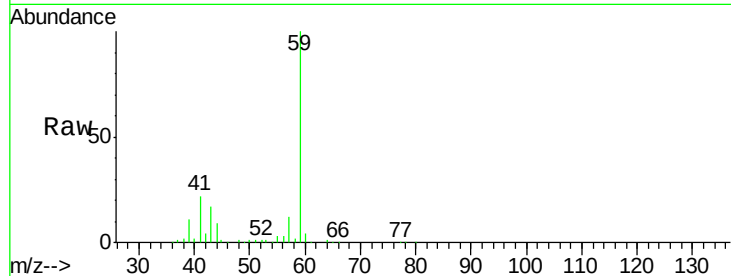
#11
Tert butyl alcohol
Concen: 107.65 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Instrument :
MSVOA_X
ClientSampled :
VX0423WBS01

Tot Ion	59	Resp	46660
Ion Ratio	100	Lower	Upper
57	11.5	8.3	12.5

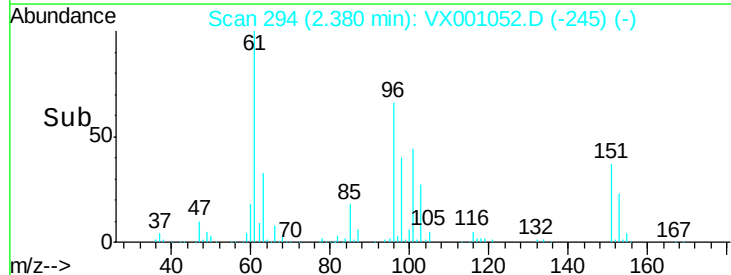
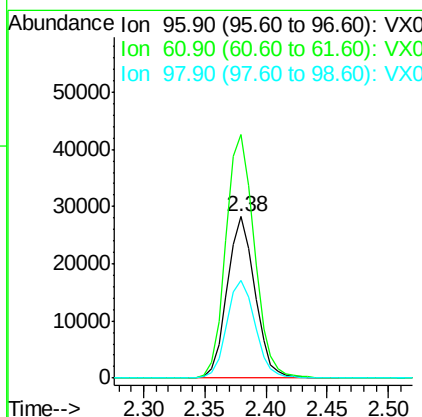
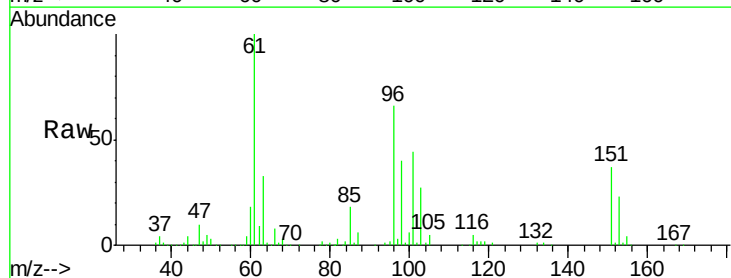
Manual Integrations
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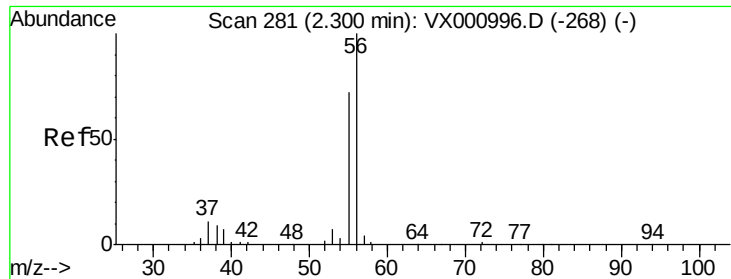
sam
4/24/2018 6:07:41 PM



#12
1,1-Dichloroethene
Concen: 20.17 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Tgt Ion	96	Resp	44550
Ion Ratio	100	Lower	Upper
61	150.8	126.4	189.6
98	60.8	52.6	78.8





#13

Acrolein

Concen: 147.46 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampled :

VX0423WBS01

Tot Ion: 56 Resp: 19279

Ion Ratio Lower Upper

56 100

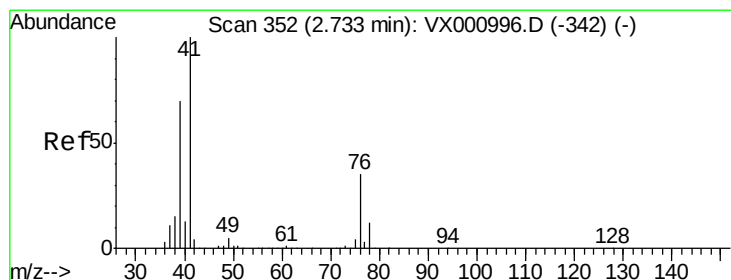
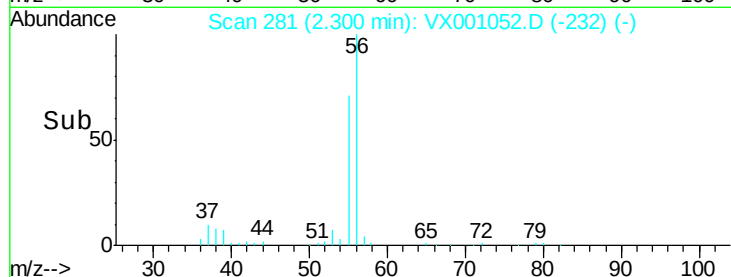
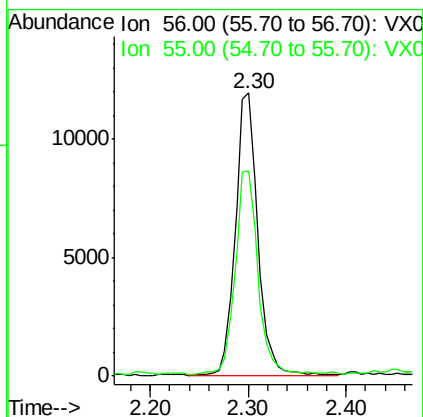
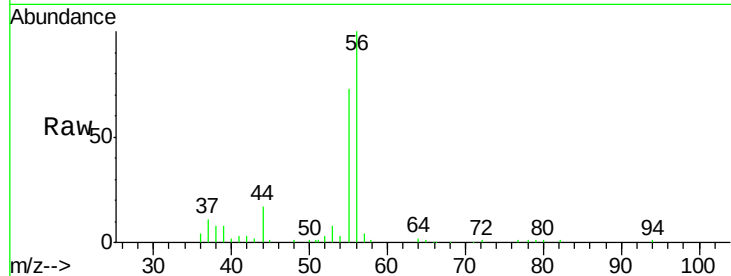
55 71.6 57.4 86.2

Manual Integrations

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#14

Allyl chloride

Concen: 19.98 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

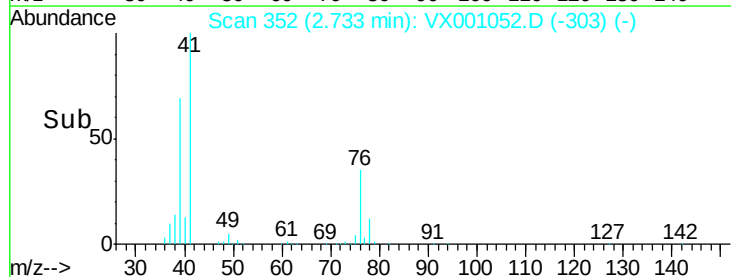
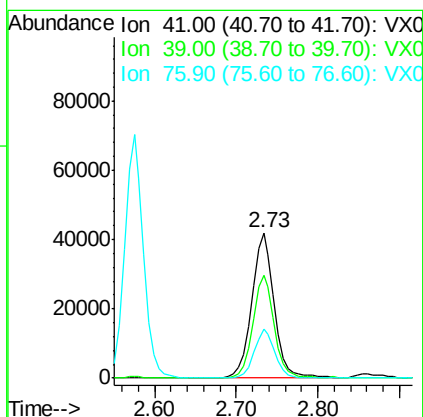
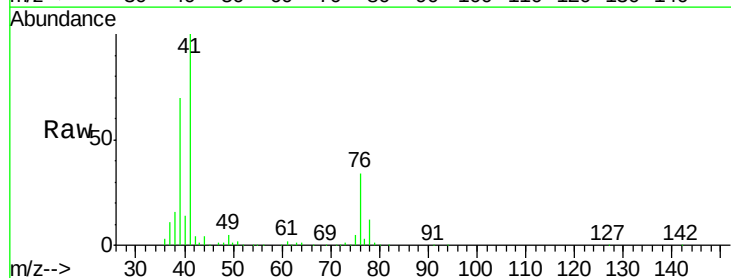
Tgt Ion: 41 Resp: 79872

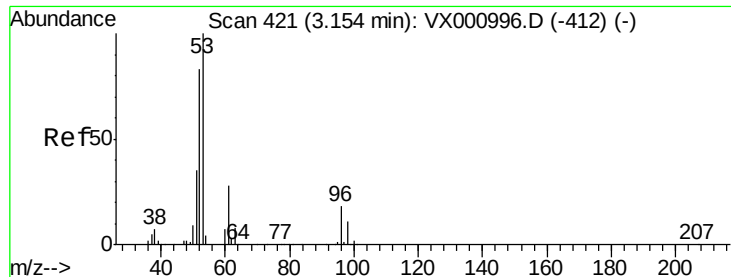
Ion Ratio Lower Upper

41 100

39 67.0 53.0 79.6

76 31.6 25.9 38.9





#15

Acrylonitrile

Concen: 98.30 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

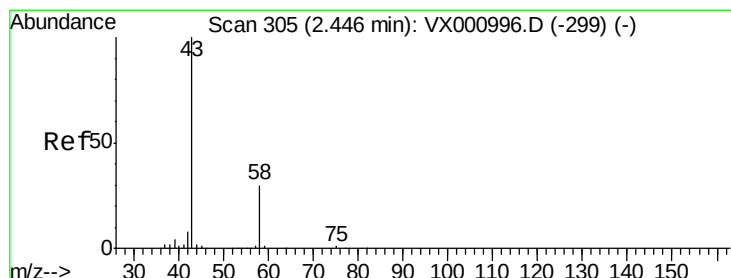
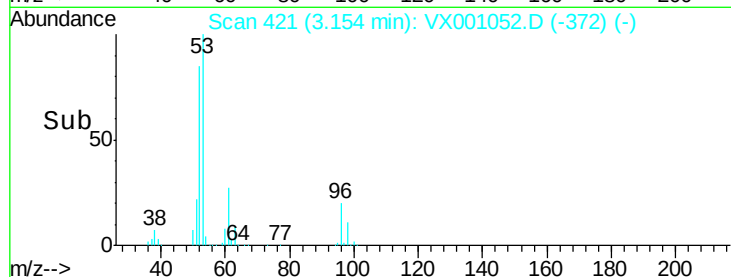
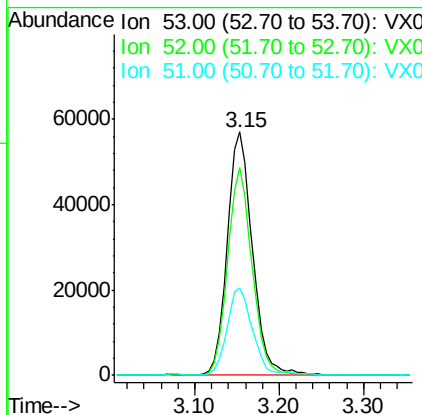
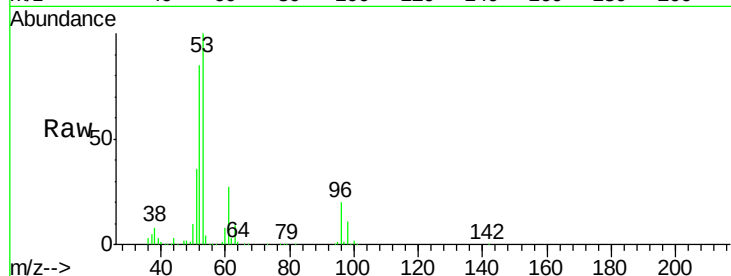
ClientSampleId :

VX0423WBS01

Tot Ion:	53	Resp:	115305
Ion Ratio		Lower	Upper
53	100		
52	83.4	66.4	99.6
51	36.9	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 108.34 ug/l

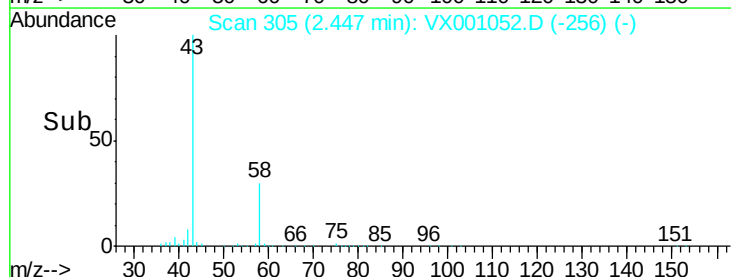
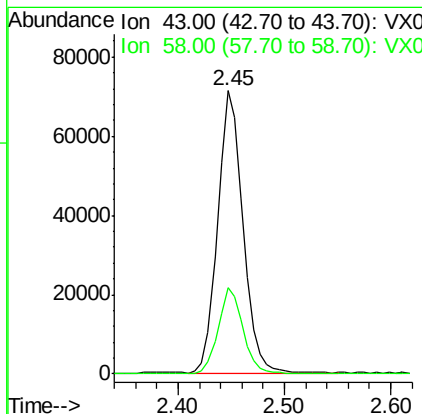
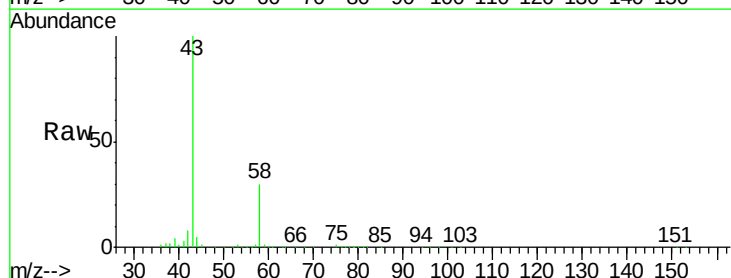
RT: 2.45 min Scan# 305

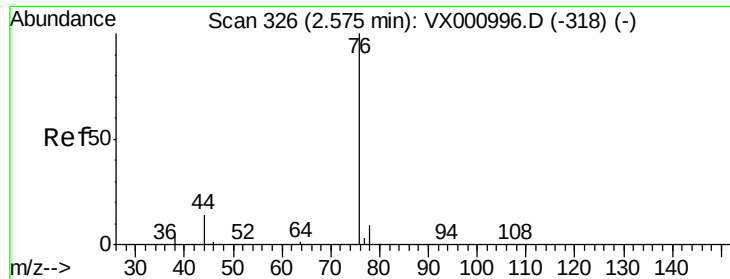
Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Tgt Ion:	43	Resp:	117243
Ion Ratio		Lower	Upper
43	100		
58	30.4	23.7	35.5





#17

Carbon Disulfide

Concen: 18.07 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampled :

VX0423WBS01

Tot Ion: 76 Resp: 113753

Ion Ratio Lower Upper

76 100

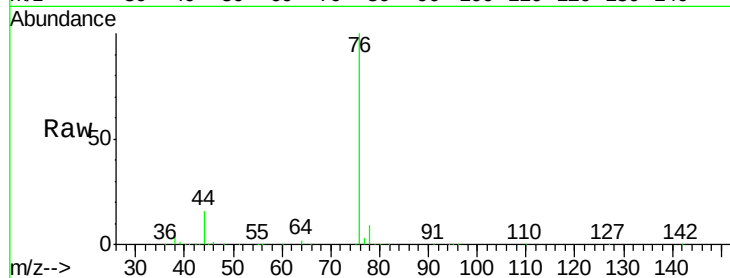
78 9.3 7.3 10.9

Manual Integrations

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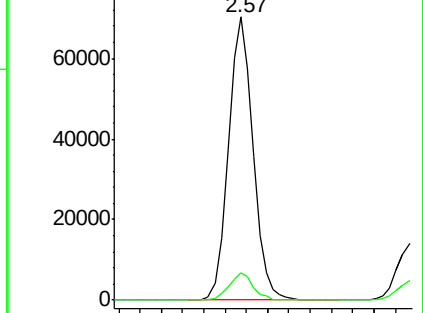
sam

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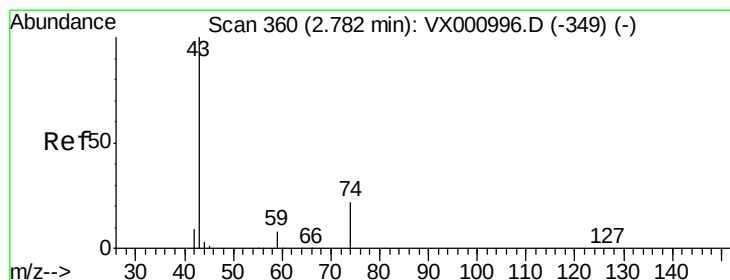
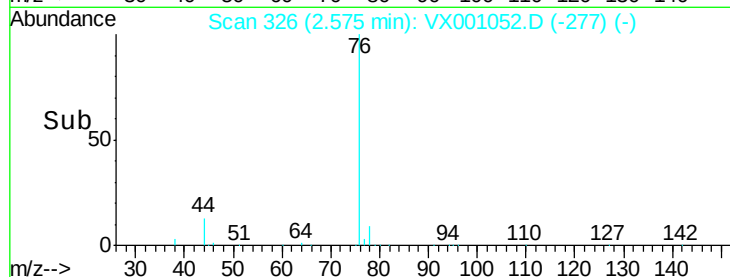


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#18

Methyl Acetate

Concen: 21.72 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001052.D

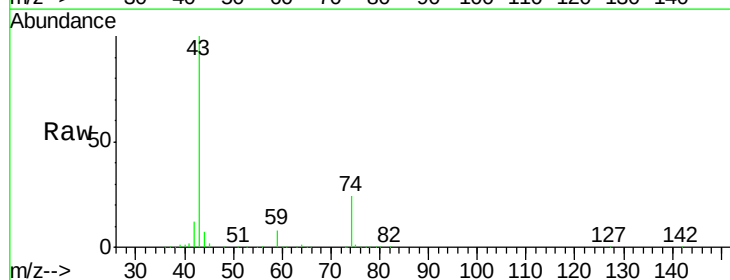
Acq: 23 Apr 2018 12:29

Tgt Ion: 43 Resp: 71118

Ion Ratio Lower Upper

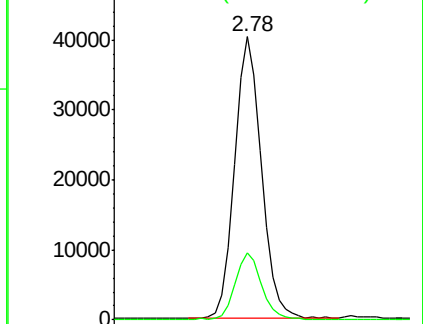
43 100

74 23.8 18.3 27.5

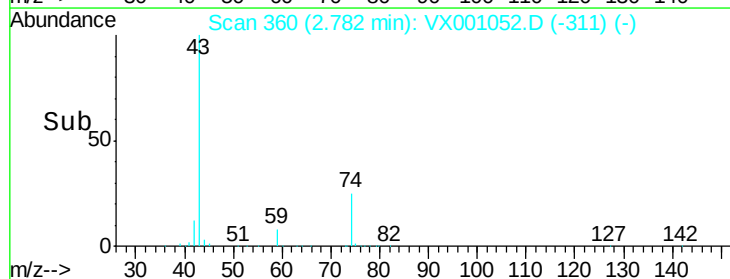


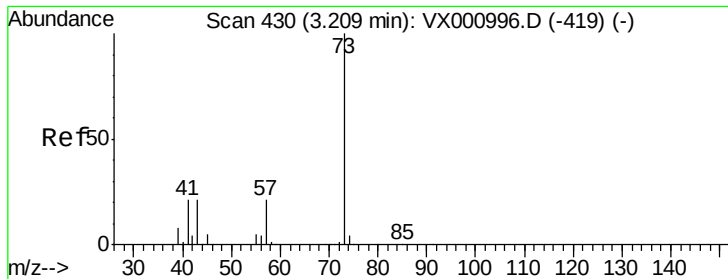
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



Time-->





#19

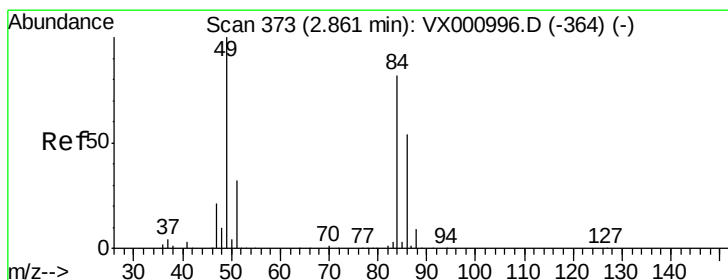
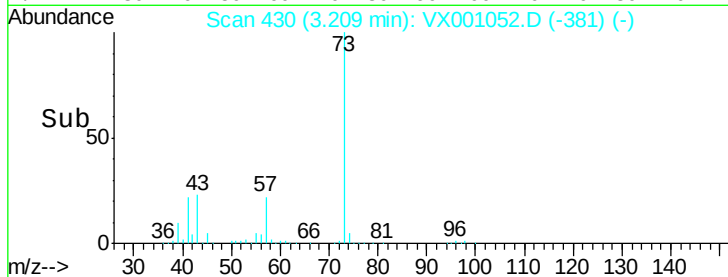
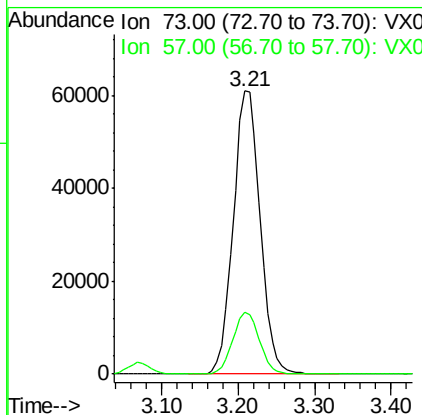
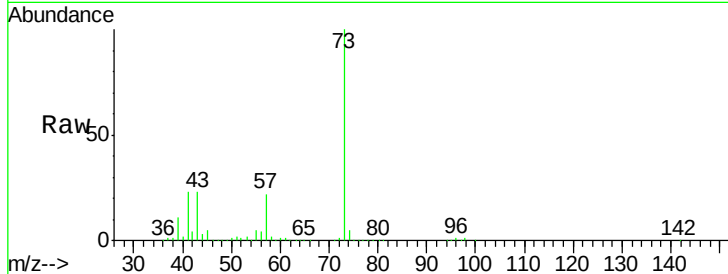
Methyl tert-butyl Ether
 Concen: 19.98 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

Tot Ion	73	Resp	148399
Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.1	25.7

Manual Integrations
 APPROVED

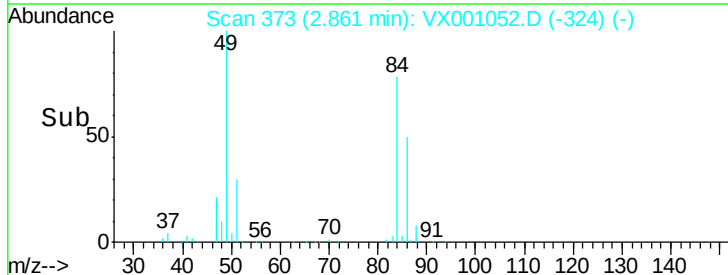
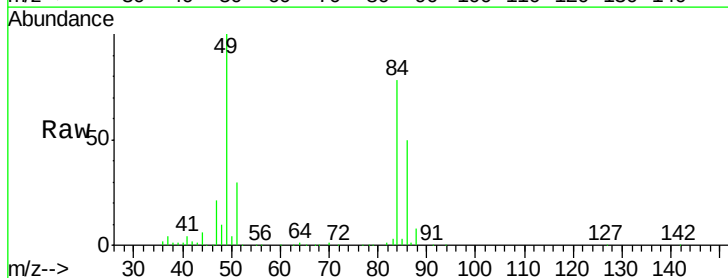
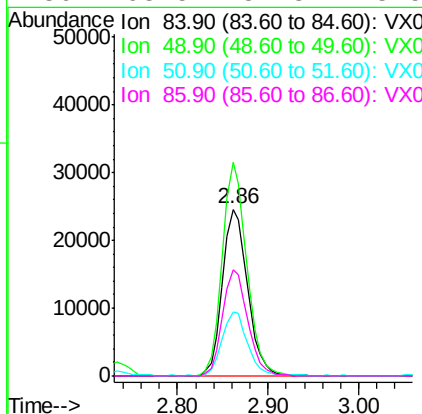
sam
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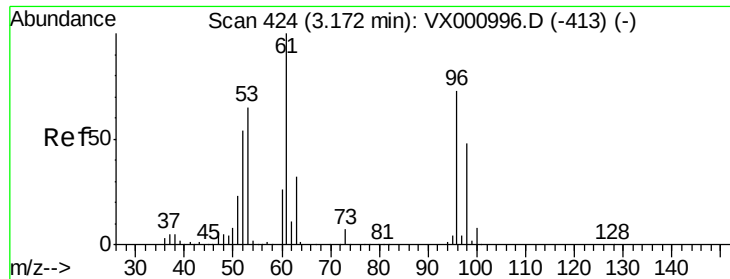


#20

Methylene Chloride
 Concen: 20.07 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Tgt Ion	84	Resp	47869
Ion	Ratio	Lower	Upper
84	100		
49	128.0	97.1	145.7
51	38.1	30.8	46.2
86	63.5	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 19.07 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

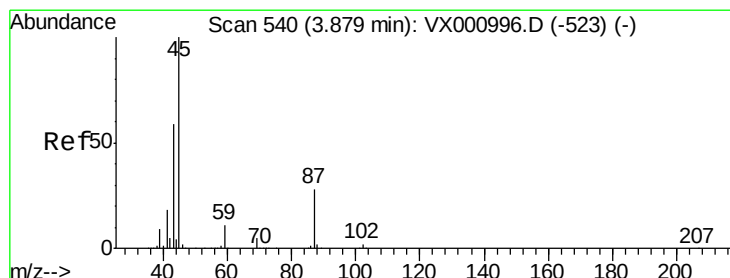
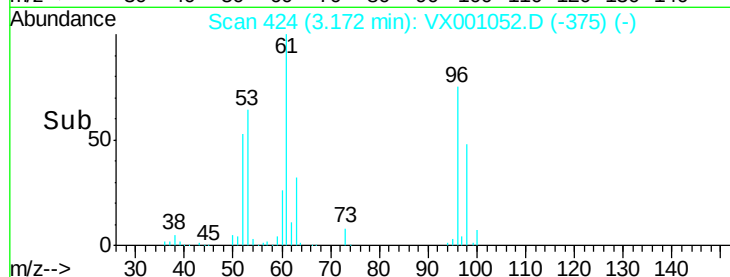
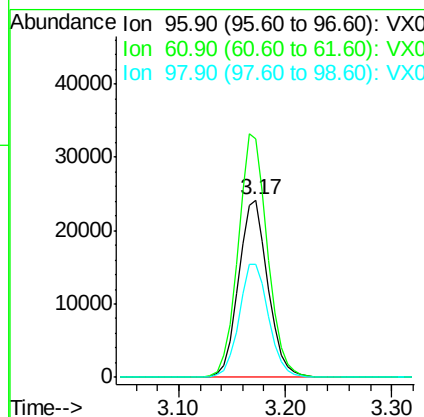
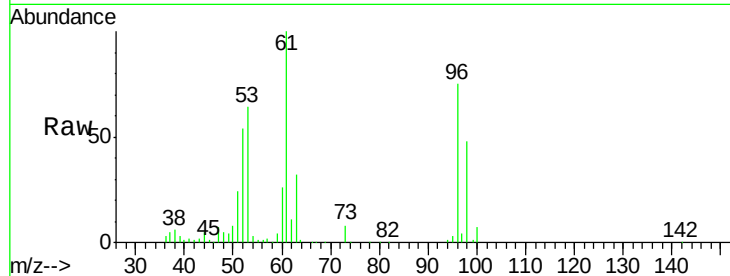
ClientSampleId :

VX0423WBS01

Tot Ion:	96	Resp:	46894
Ion	Ratio	Lower	Upper
96	100		
61	134.1	109.4	164.2
98	63.9	52.6	78.8

Manual Integrations
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sam
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#22

Diisopropyl ether

Concen: 19.99 ug/l

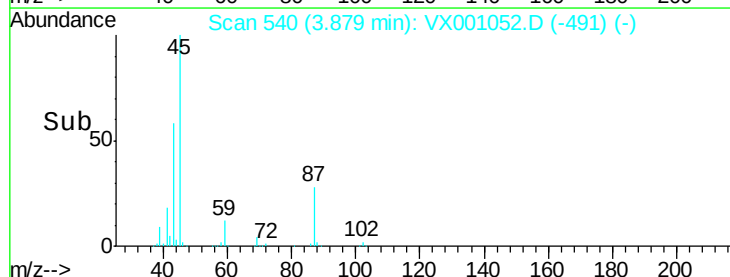
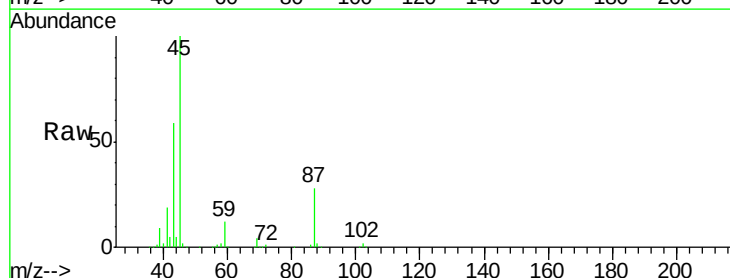
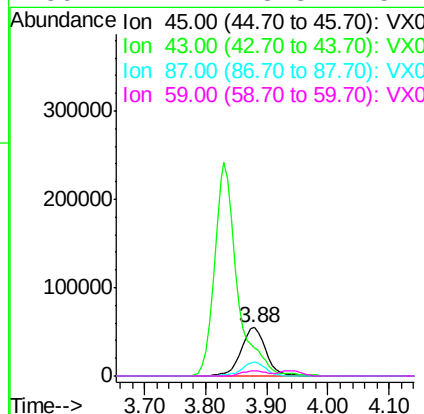
RT: 3.88 min Scan# 540

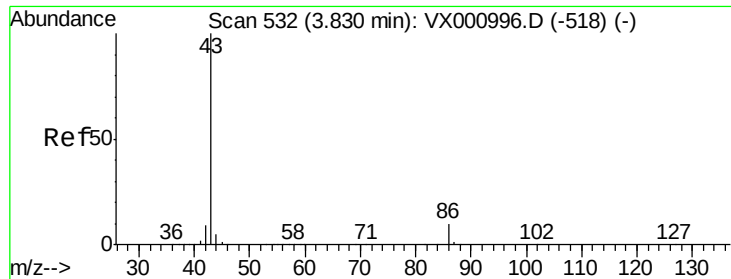
Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Tgt Ion:	45	Resp:	154661
Ion	Ratio	Lower	Upper
45	100		
43	58.1	47.0	70.4
87	28.0	22.5	33.7
59	11.7	8.8	13.2





#23

Vinyl Acetate

Concen: 98.82 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampled :

VX0423WBS01

Tot Ion: 43 Resp: 633126

Ion Ratio Lower Upper

43 100

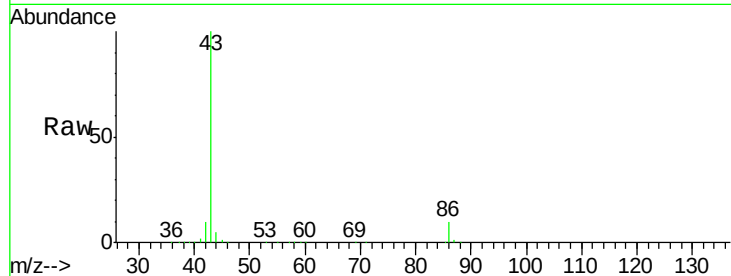
86 9.8 8.1 12.1

Manual Integrations

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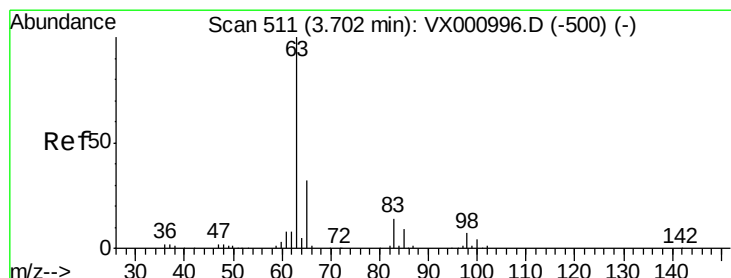
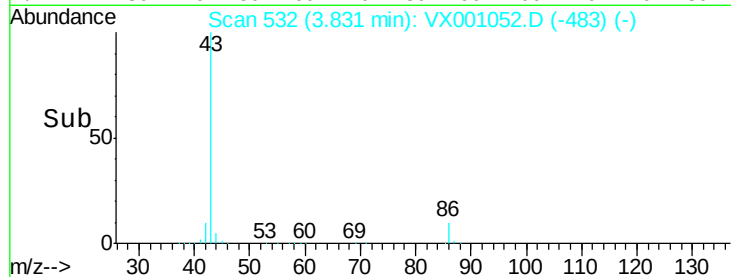
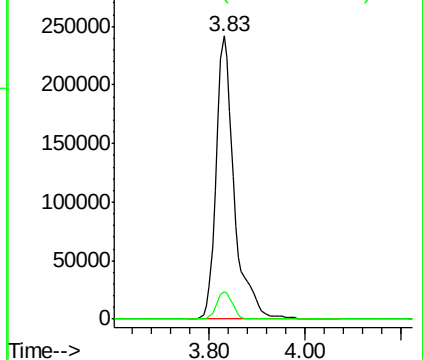
sam

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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: 19.58 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

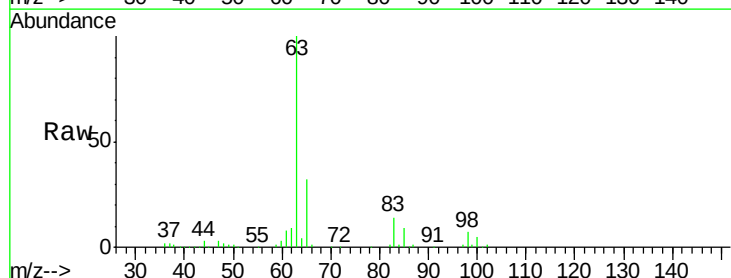
Tgt Ion: 63 Resp: 85007

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

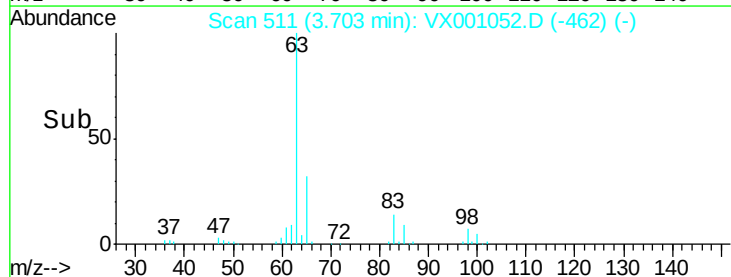
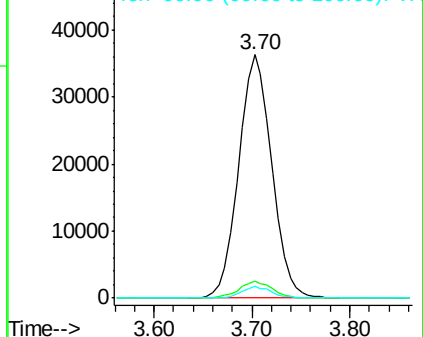
100 4.8 2.1 6.3

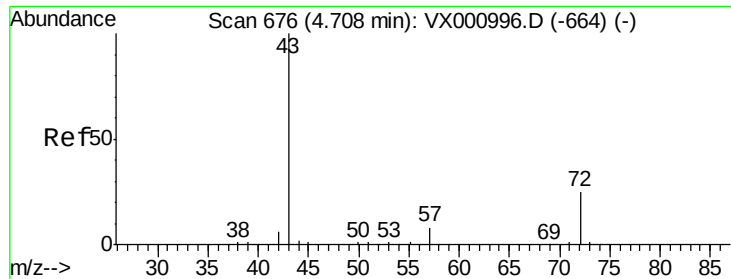


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 101.82 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

Tot Ion: 43 Resp: 172007

Ion Ratio Lower Upper

43 100

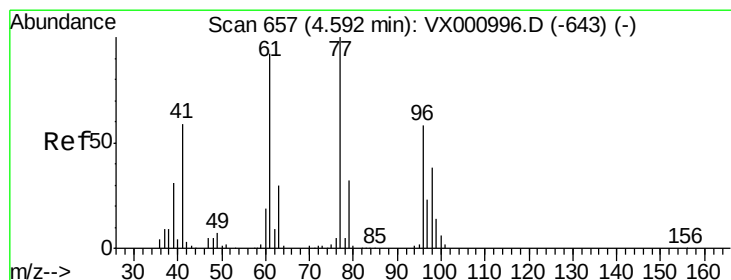
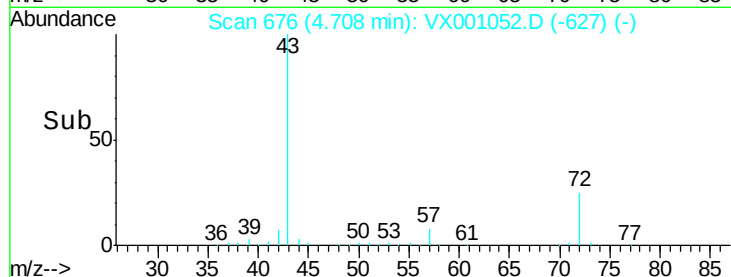
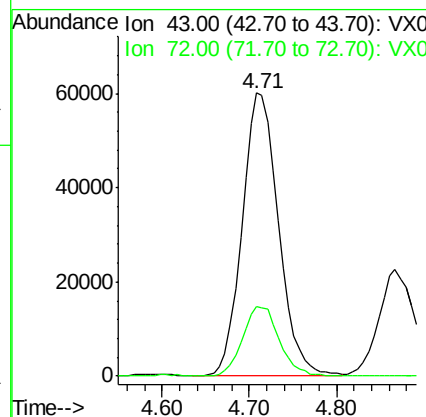
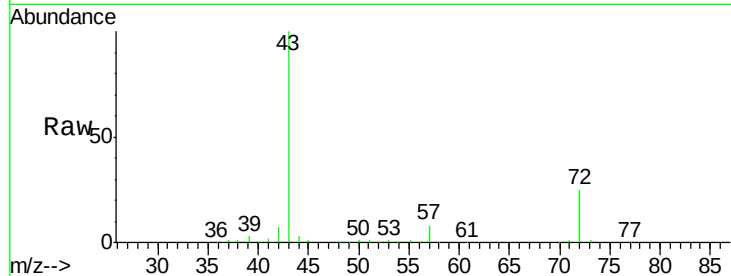
72 24.6 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.18 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001052.D

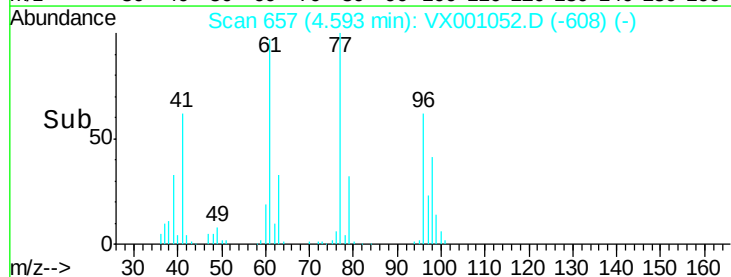
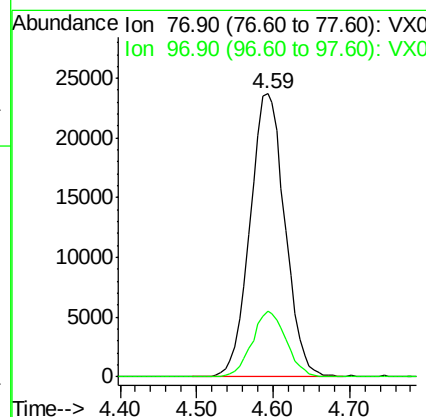
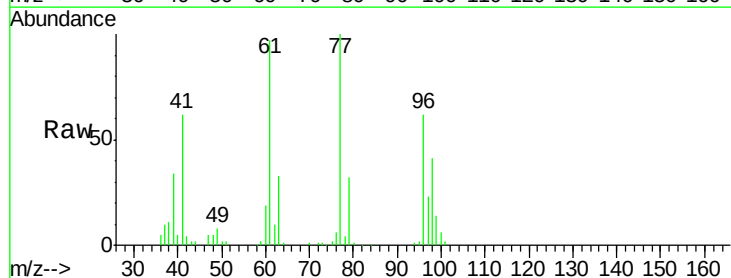
Acq: 23 Apr 2018 12:29

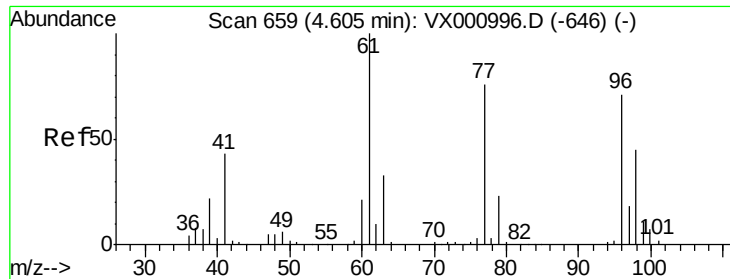
Tgt Ion: 77 Resp: 75344

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.4





#27

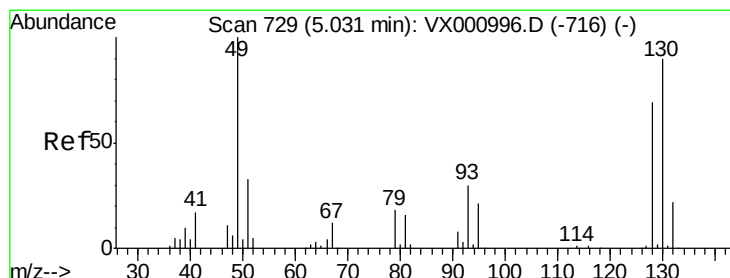
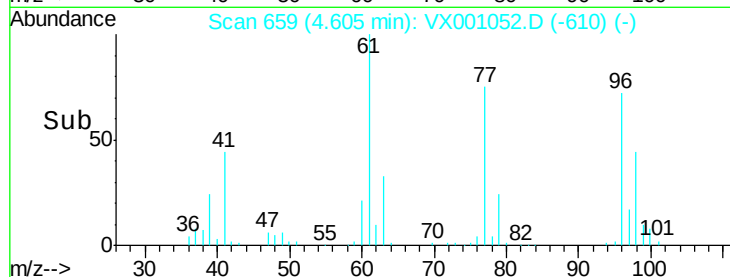
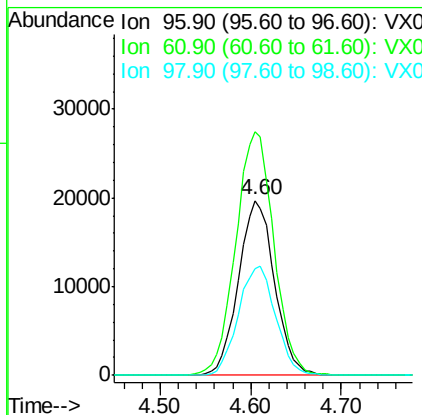
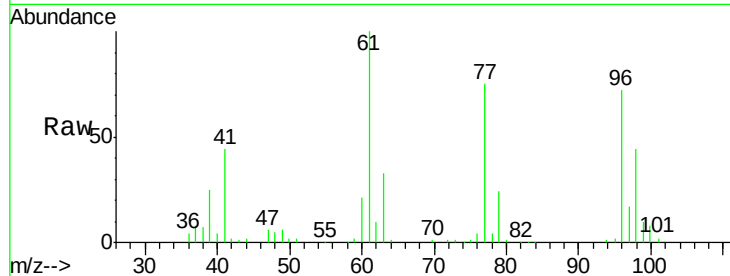
cis-1,2-Dichloroethene
Concen: 19.81 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.2	0.0	297.0
98	64.4	0.0	130.0

Manual Integrations
APPROVED

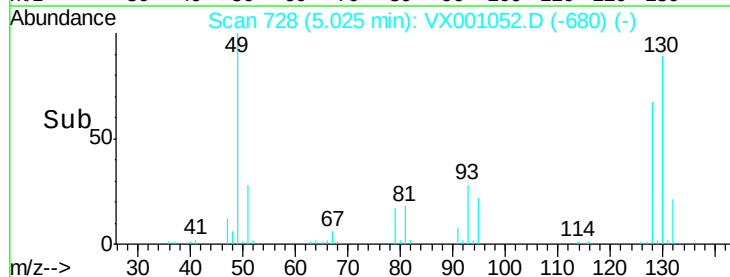
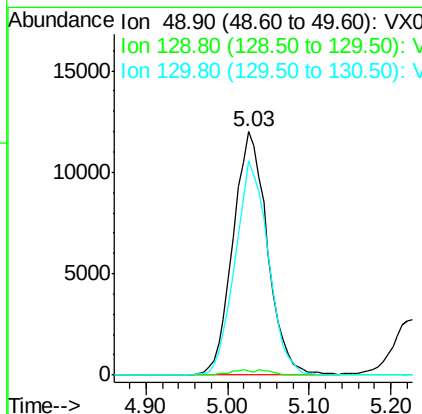
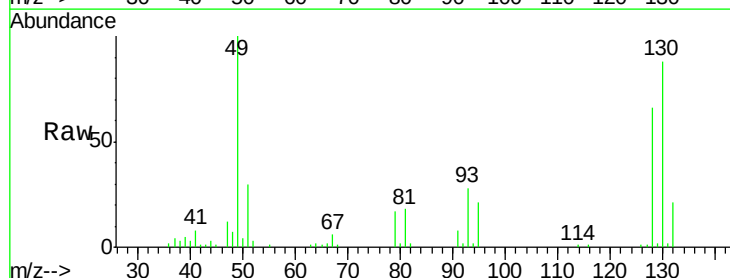
sam
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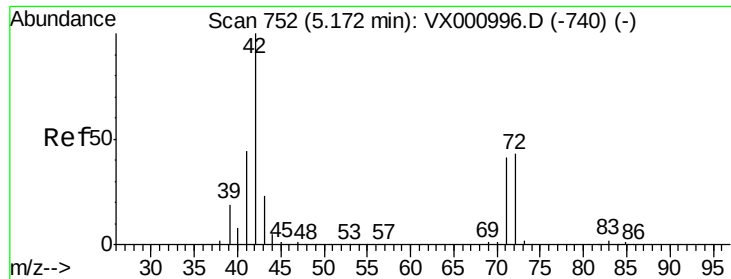


#28

Bromochloromethane
Concen: 20.97 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.8
130	85.4	70.6	105.8





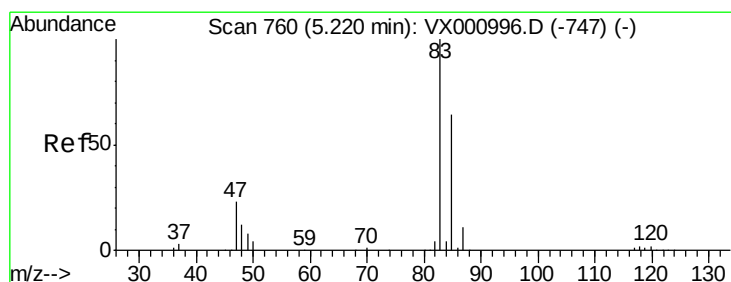
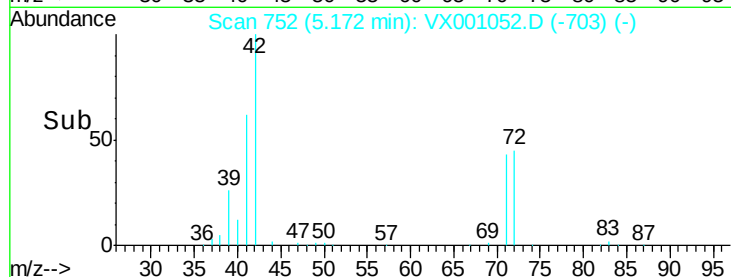
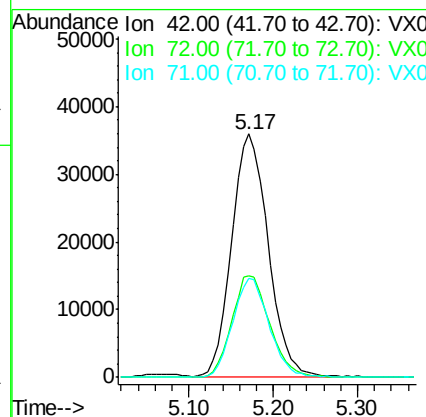
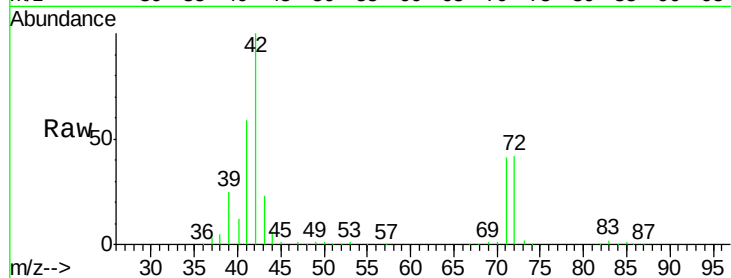
#29
Tetrahydrofuran
Concen: 98.52 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	34.6	52.0
71	40.8	32.6	49.0

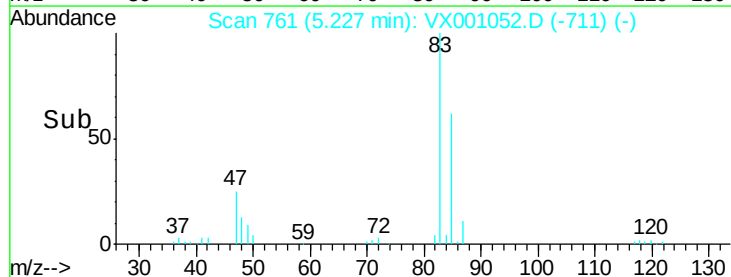
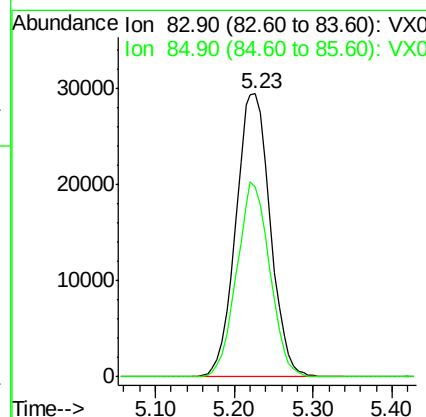
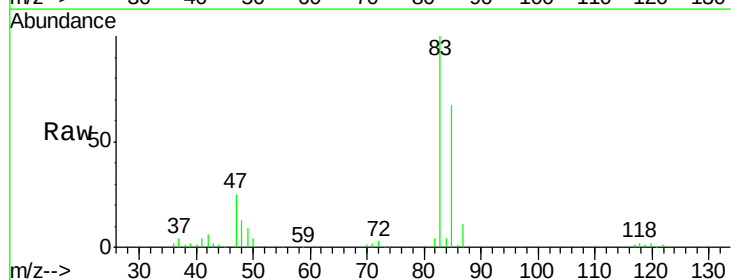
Manual Integrations
APPROVED

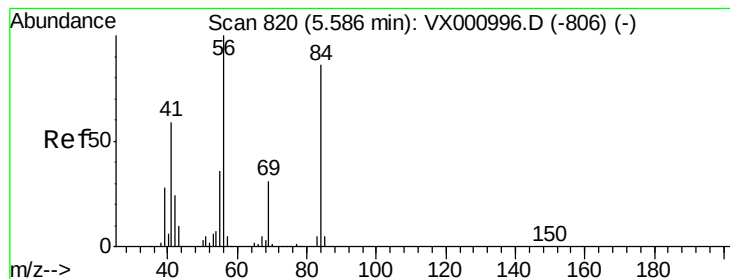
sam
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#30
Chloroform
Concen: 19.81 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.0	51.3	76.9





#31

Cyclohexane

Concen: 19.16 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

Tot Ion: 56 Resp: 77612

Ion Ratio Lower Upper

56 100

69 29.6 24.6 36.8

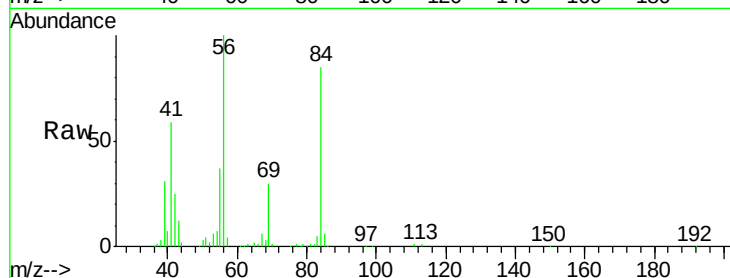
84 83.4 69.0 103.6

Manual Integrations

APPROVED

sam

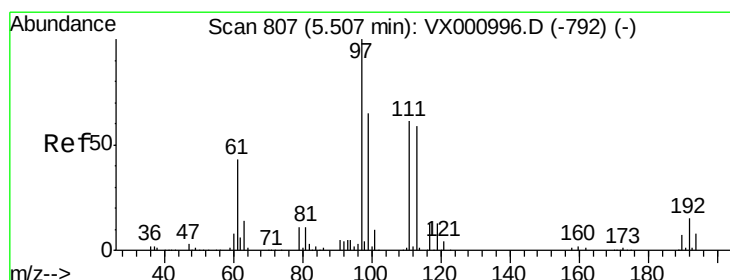
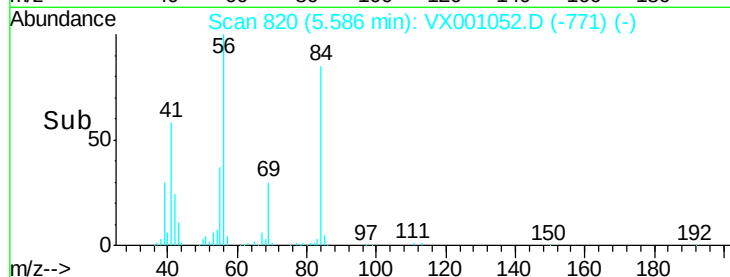
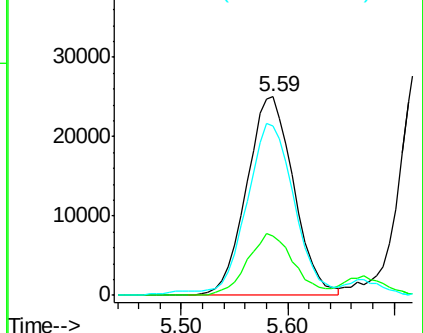
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.99 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

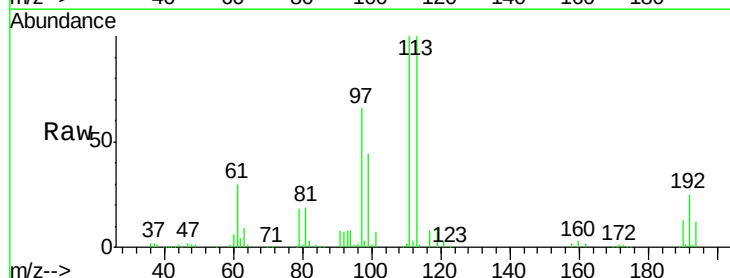
Tgt Ion: 97 Resp: 80566

Ion Ratio Lower Upper

97 100

99 64.7 51.1 76.7

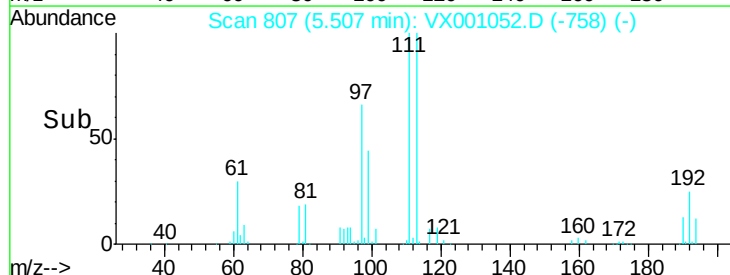
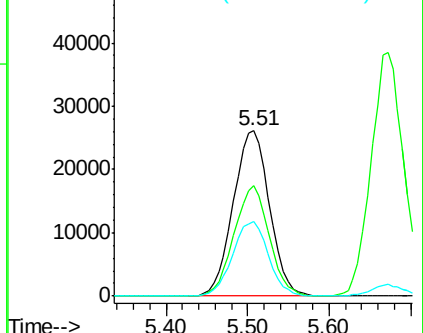
61 44.7 34.4 51.6

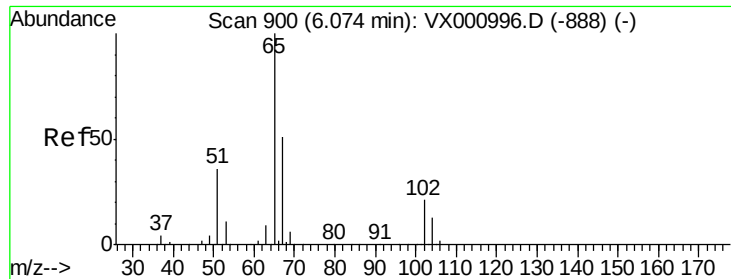


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





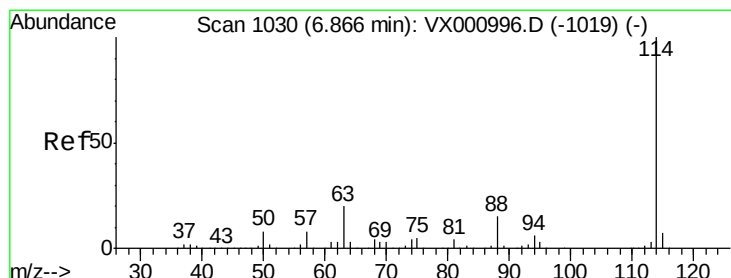
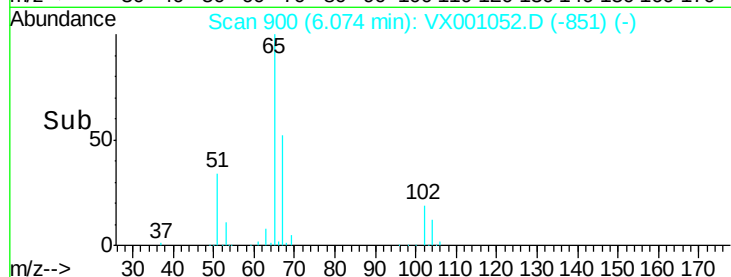
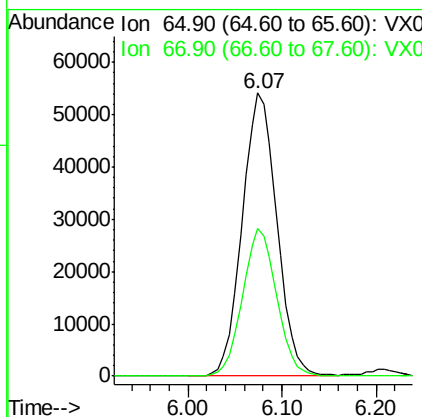
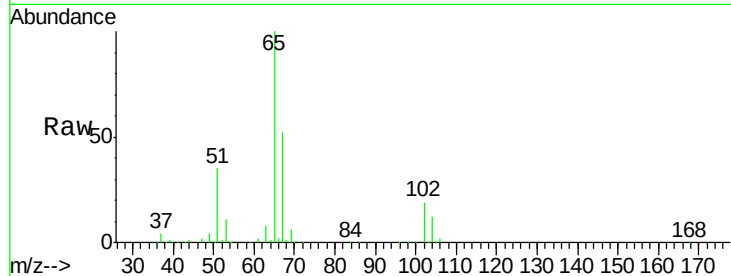
#33
 1,2-Dichloroethane-d4
 Concen: 48.57 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.6

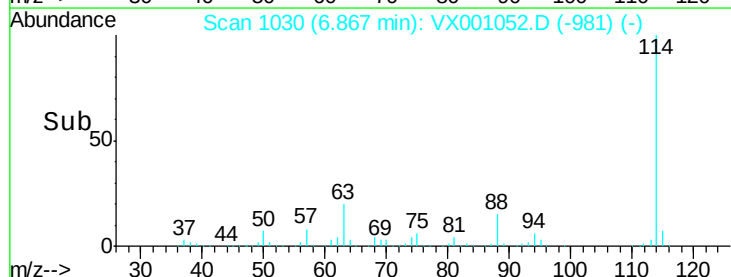
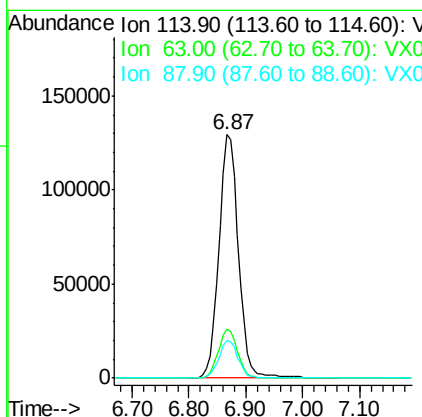
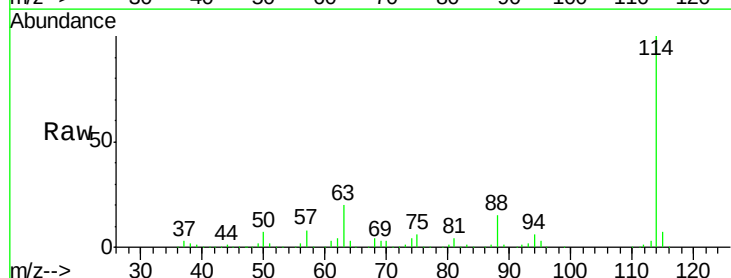
Manual Integrations
 APPROVED

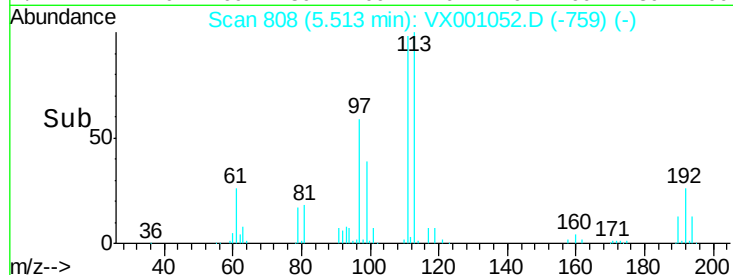
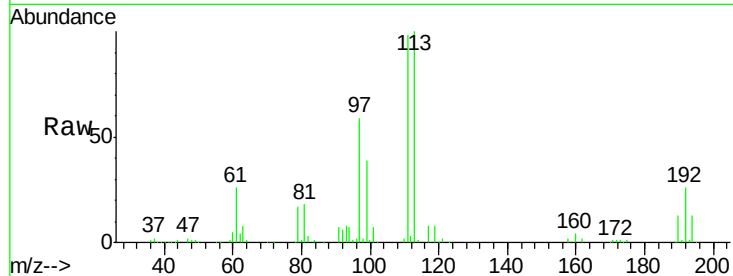
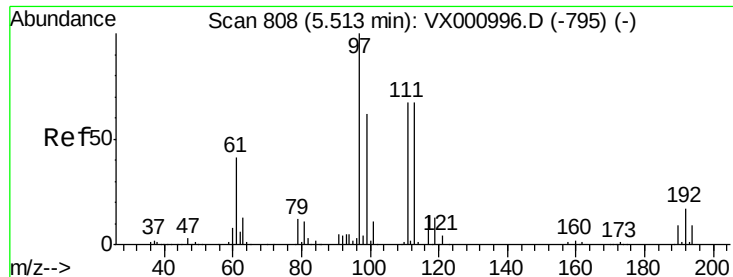
sam
 4/24/2018 6:07:41 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.4
88	15.3	0.0	29.8





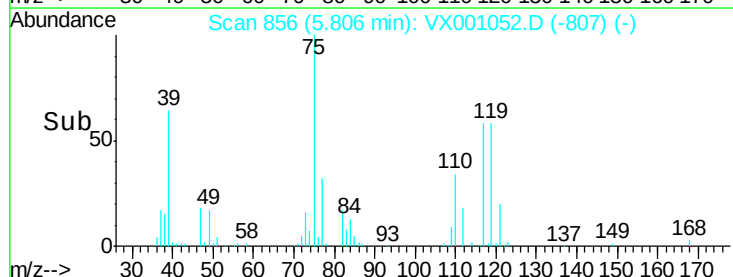
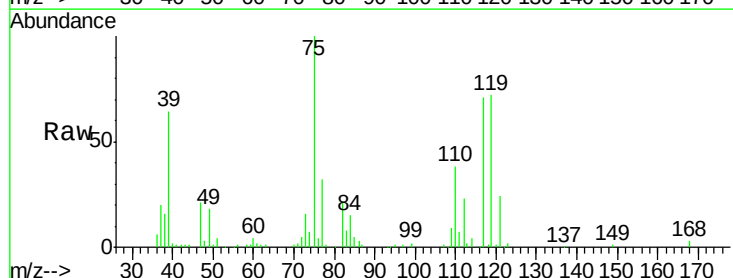
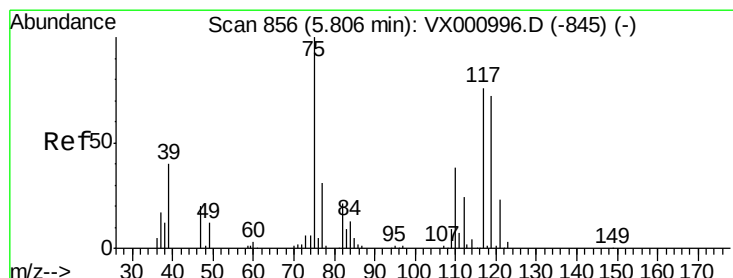
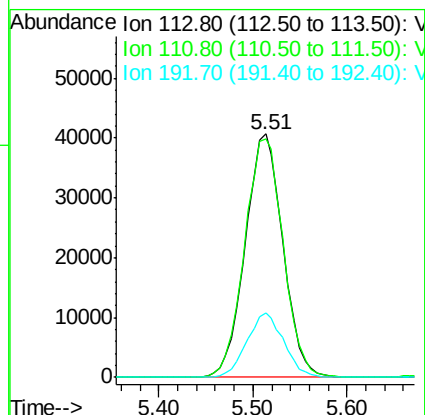
#35
Dibromofluoromethane
Concen: 48.39 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Tot Ion	Ratio	Resp	Lower	Upper
113	100	113814		
111	101.0	81.4	122.2	
192	25.9	20.4	30.6	

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

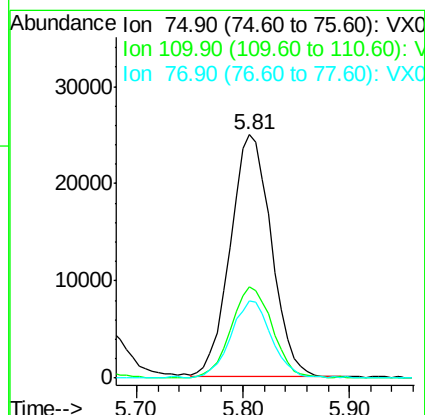
Manual Integrations
APPROVED

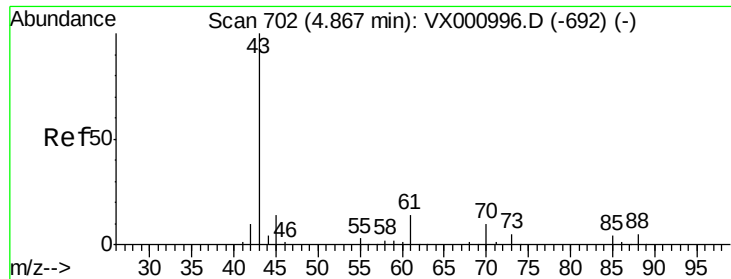
sam
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#36
1,1-Dichloropropene
Concen: 18.63 ug/l
RT: 5.81 min Scan# 856
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	67508		
110	38.0	18.7	56.1	
77	30.8	25.0	37.4	





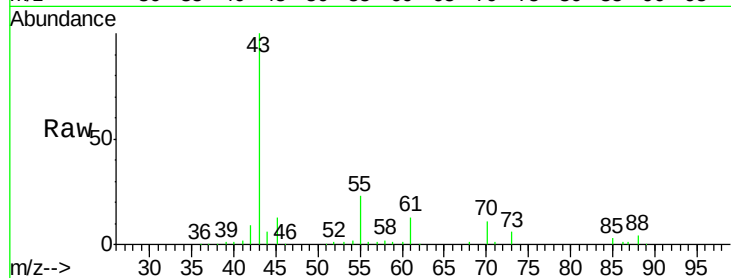
#37
Ethyl Acetate
Concen: 19.52 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.7	16.1
70	10.6	8.3	12.5

Manual Integrations
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sam
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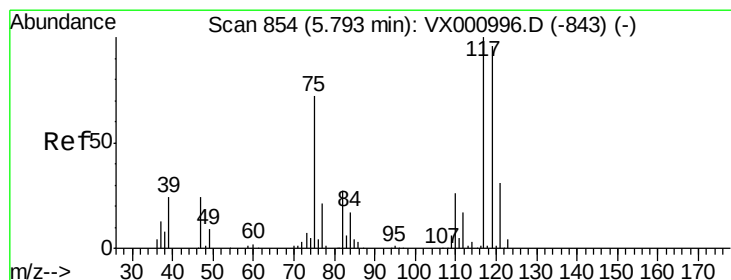
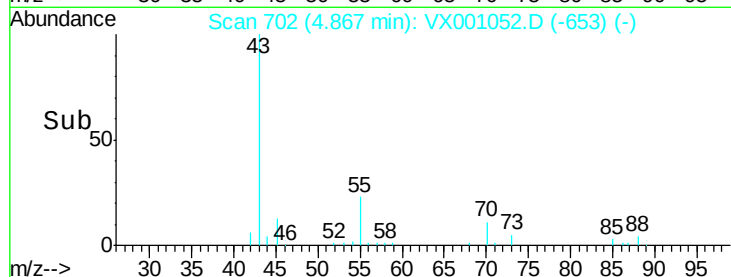
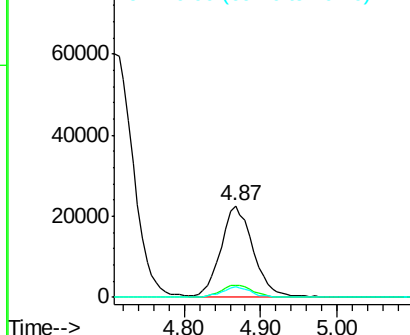


Abundance

Ion 43.00 (42.70 to 43.70): VX0

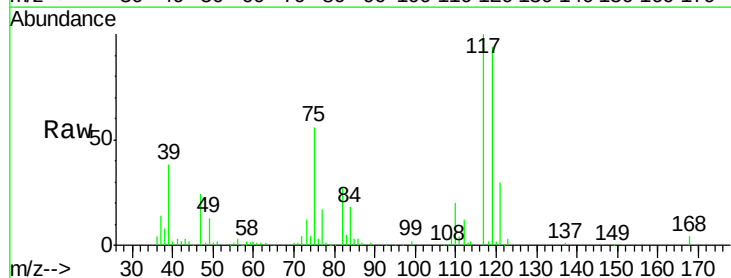
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 19.23 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	76.5	114.7
121	29.7	24.5	36.7

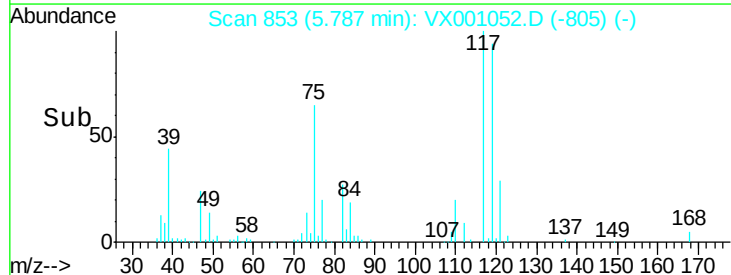
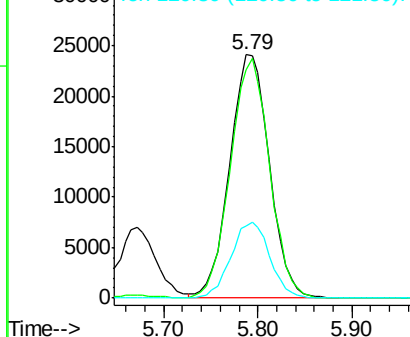


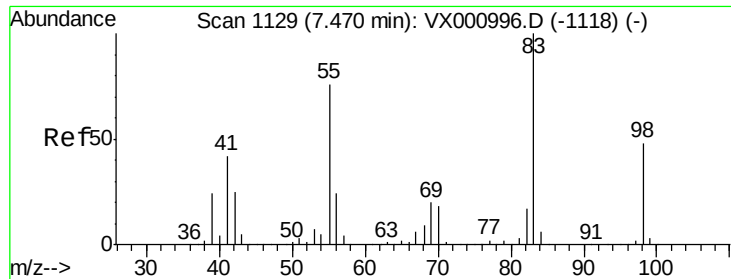
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





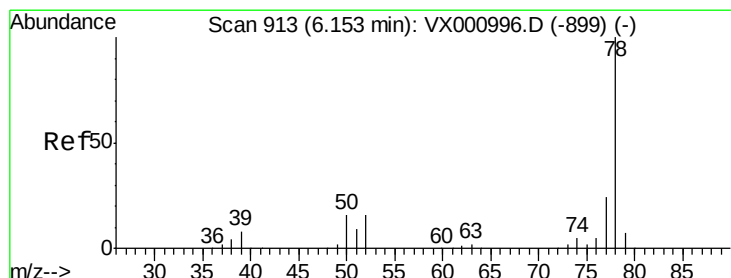
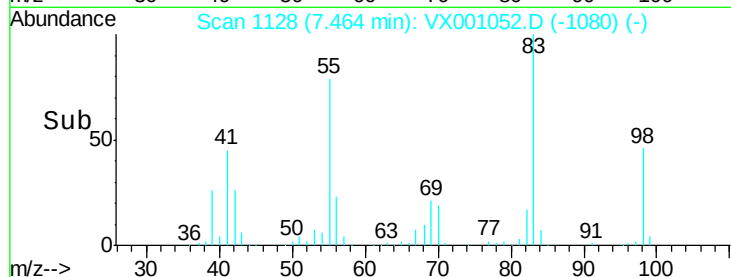
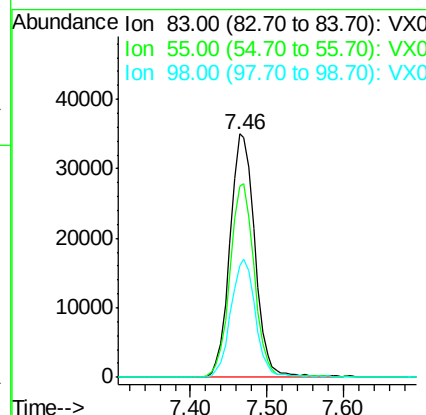
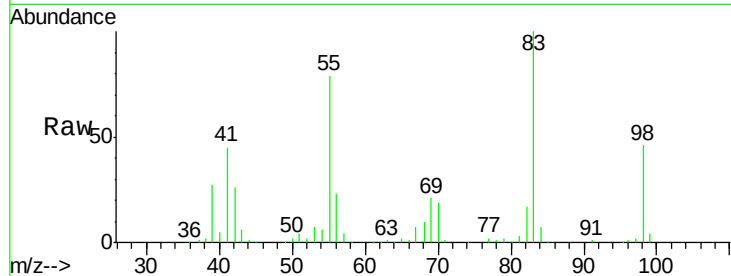
#39
Methylvlcyclohexane
Concen: 18.79 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion	83	Resp	79275
Ion Ratio	100	Lower	Upper
83	100		
55	78.6	60.6	91.0
98	45.7	38.2	57.4

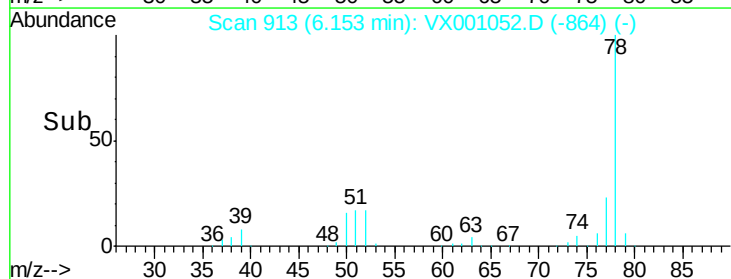
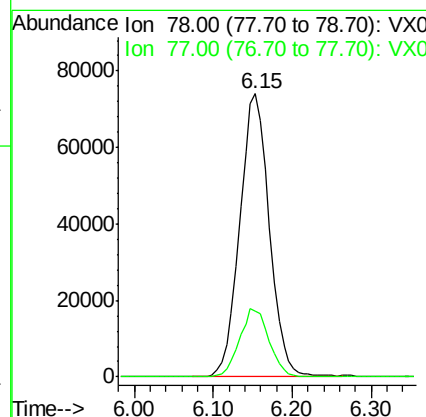
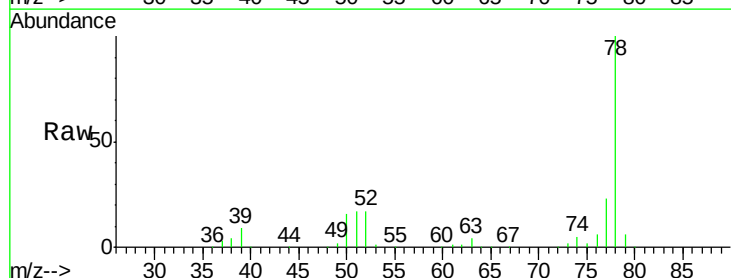
Manual Integrations
APPROVED

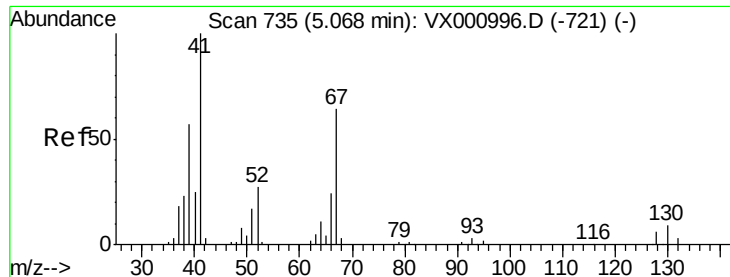
sam
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#40
Benzene
Concen: 19.22 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Tgt Ion	78	Resp	193663
Ion Ratio	100	Lower	Upper
78	100		
77	23.4	18.9	28.3





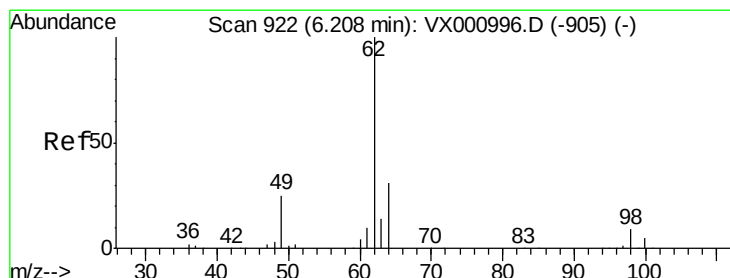
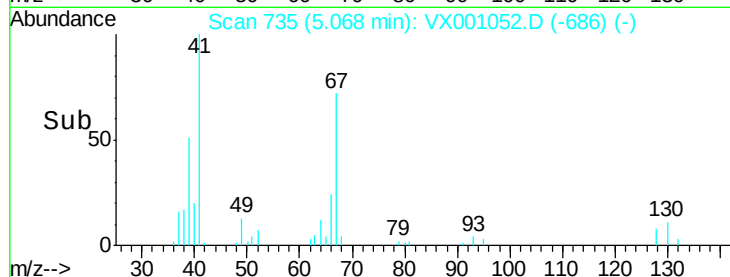
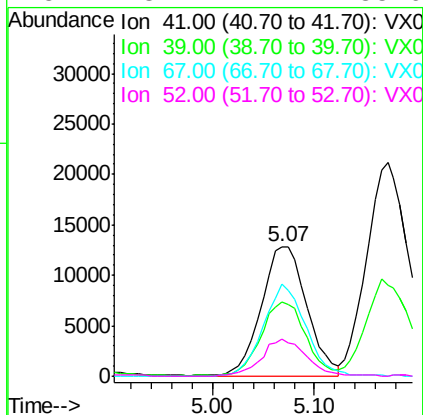
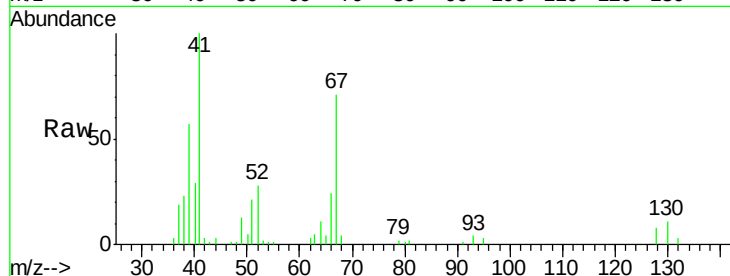
#41
Methacrylonitrile
Concen: 18.92 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion:	41	Resp:	39272
Ion	Ratio	Lower	Upper
41	100		
39	56.0	45.2	67.8
67	67.3	53.8	80.8
52	28.2	22.4	33.6

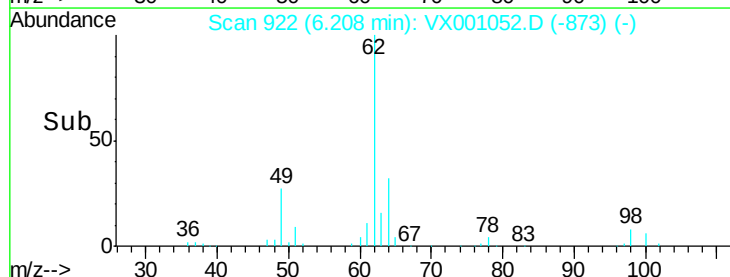
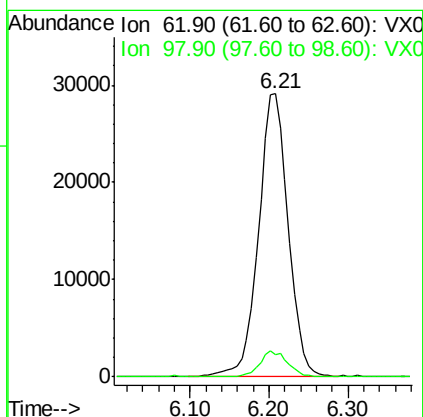
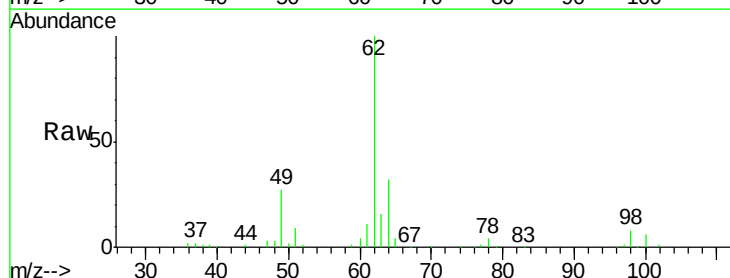
Manual Integrations
APPROVED

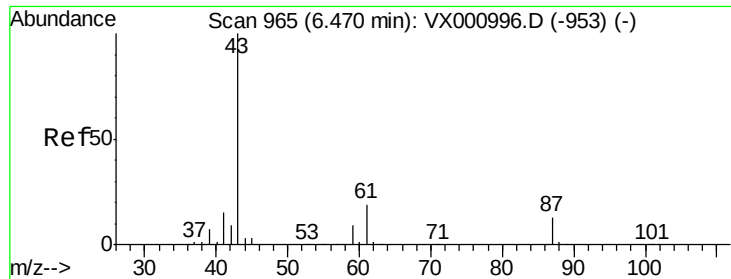
sam
4/24/2018 6:07:41 PM



#42
1,2-Dichloroethane
Concen: 19.68 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Tgt Ion:	62	Resp:	76127
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6





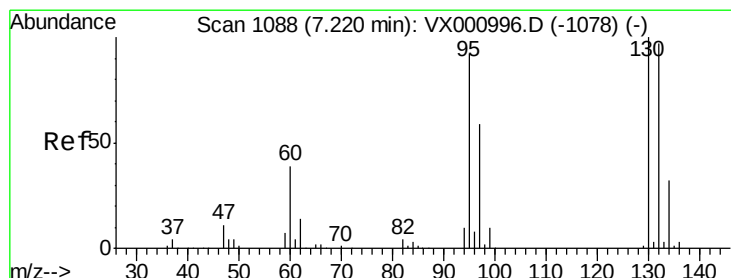
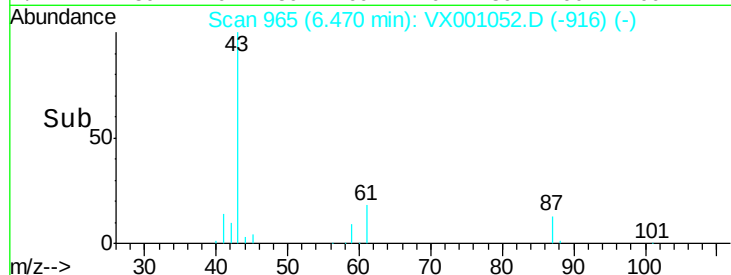
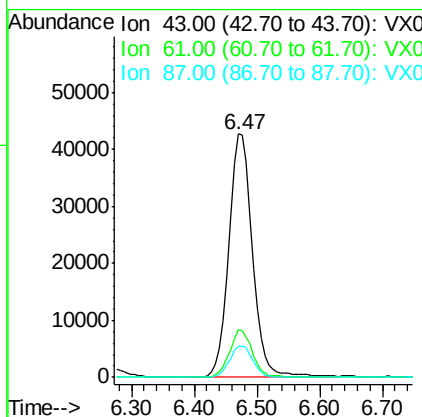
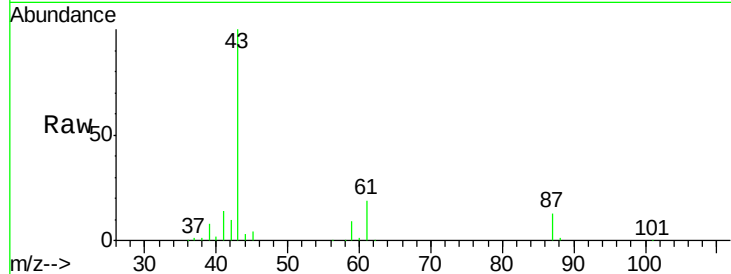
#43
Isopropyl Acetate
Concen: 19.47 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.4	23.2
87	12.8	10.6	15.8

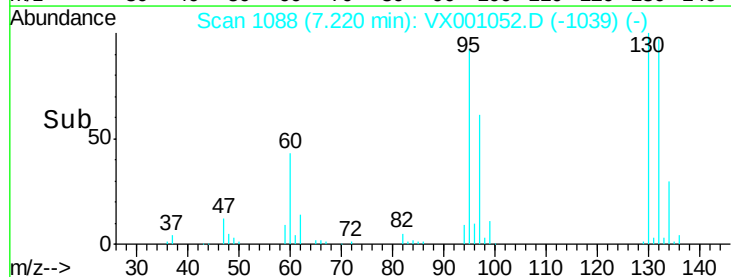
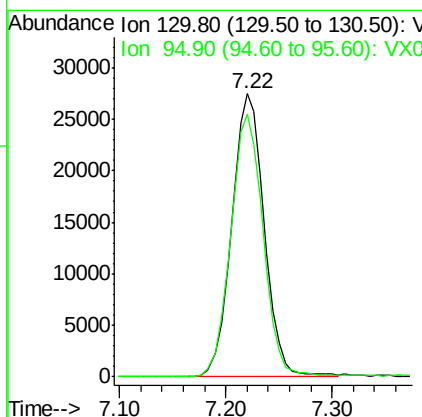
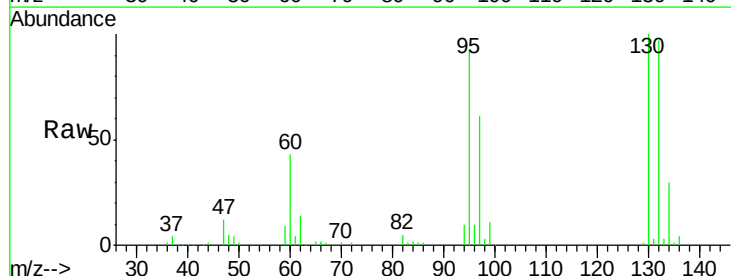
Manual Integrations
APPROVED

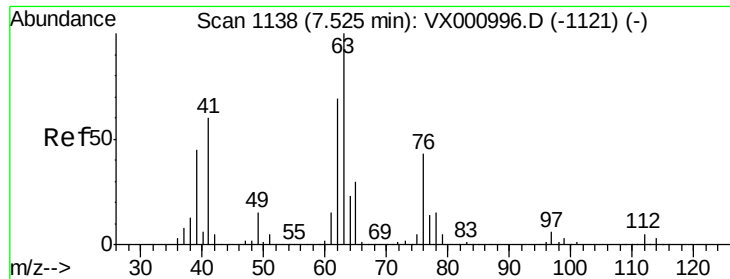
sam
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#44
Trichloroethene
Concen: 19.07 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	184.2





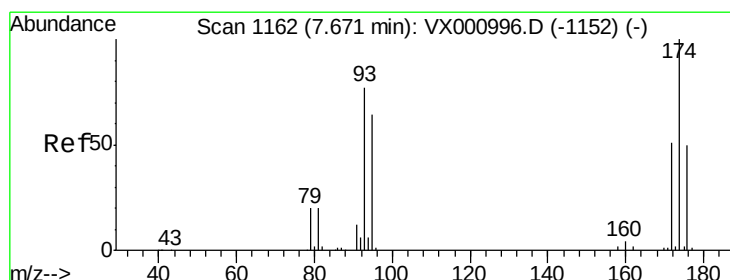
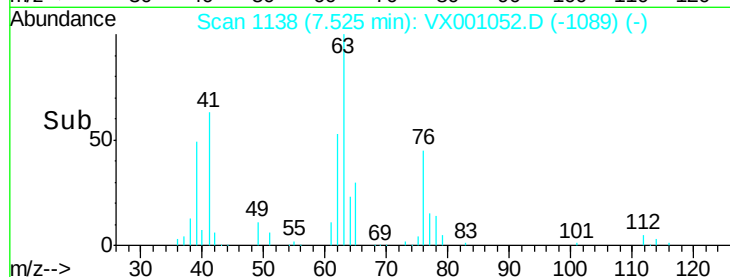
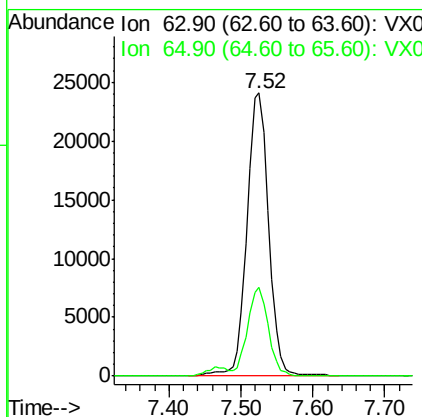
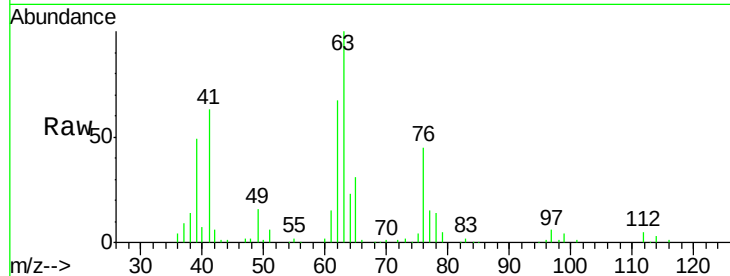
#45
 1,2-Dichloropropane
 Concen: 19.94 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Instrument :
 MSVOA_X
 ClientSampled :
 VX0423WBS01

Tot Ion: 63 Resp: 50522
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.4 36.6

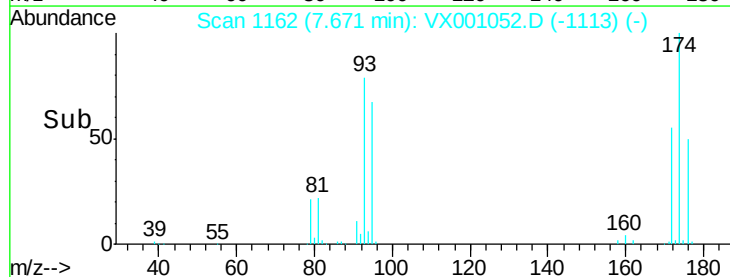
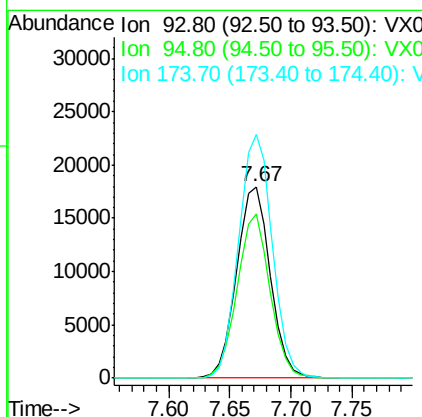
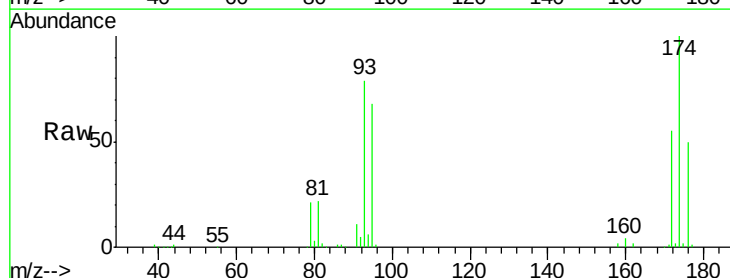
Manual Integrations
 APPROVED

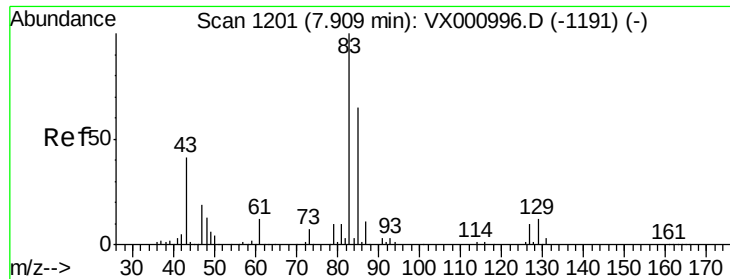
sam
 4/24/2018 6:07:41 PM



#46
 Dibromomethane
 Concen: 19.42 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Tgt Ion: 93 Resp: 34383
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.7 100.1
 174 127.2 101.8 152.6





#47

Bromodichloromethane

Concen: 19.80 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

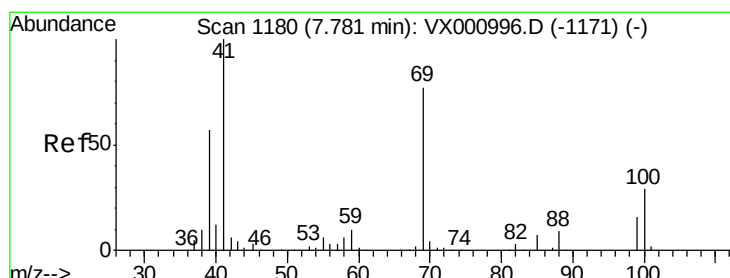
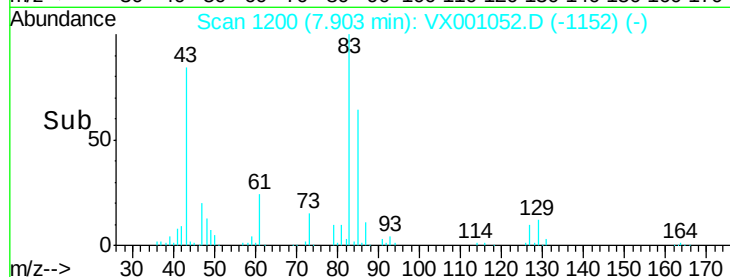
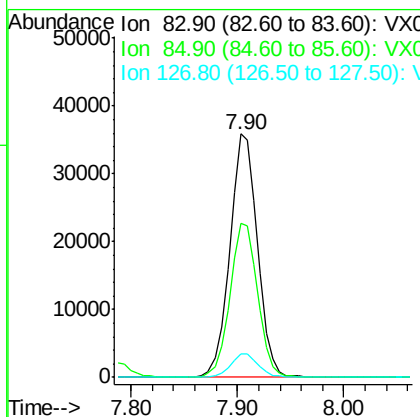
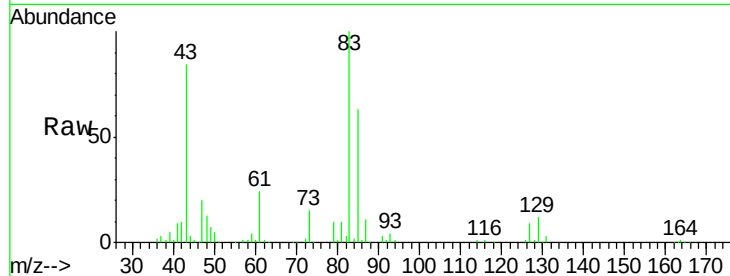
ClientSampleId :

VX0423WBS01

Tot Ion:	83	Resp:	64931
Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.3	78.5
127	9.5	7.8	11.6

Manual Integrations
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sam
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#48

Methyl methacrylate

Concen: 19.32 ug/l

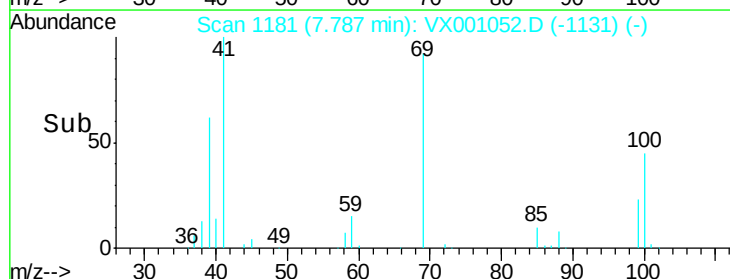
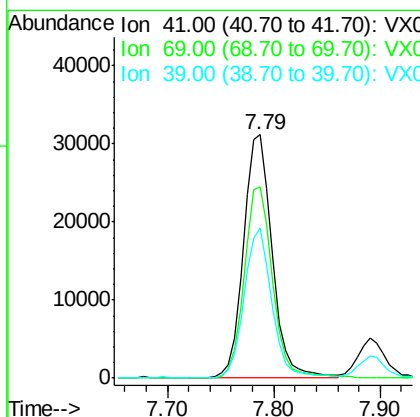
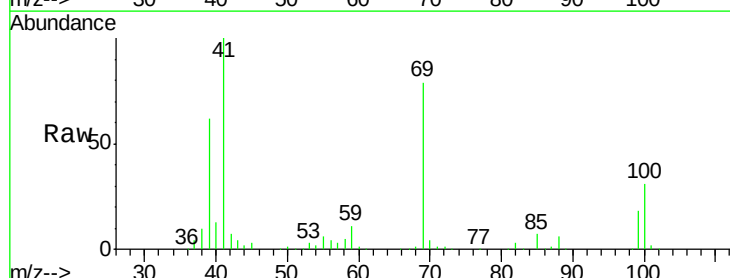
RT: 7.79 min Scan# 1181

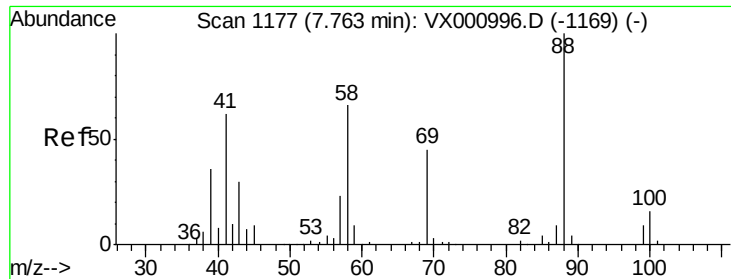
Delta R.T. 0.01 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Tgt Ion:	41	Resp:	59343
Ion	Ratio	Lower	Upper
41	100		
69	77.4	62.6	94.0
39	58.9	45.3	67.9





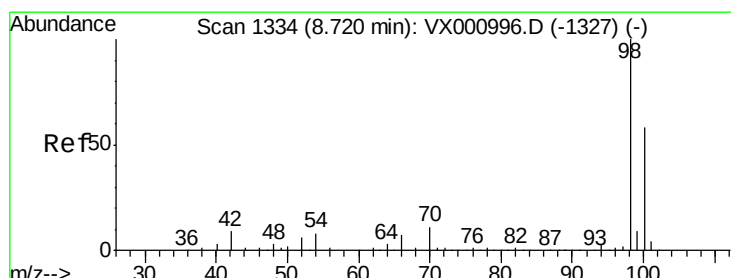
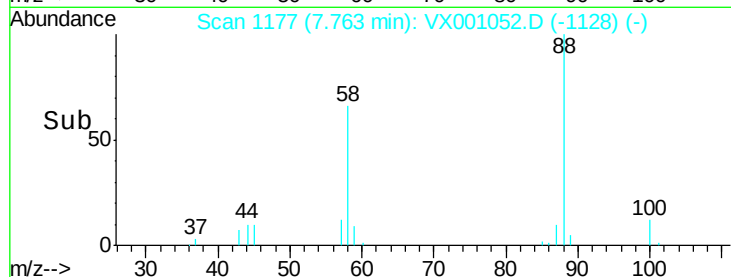
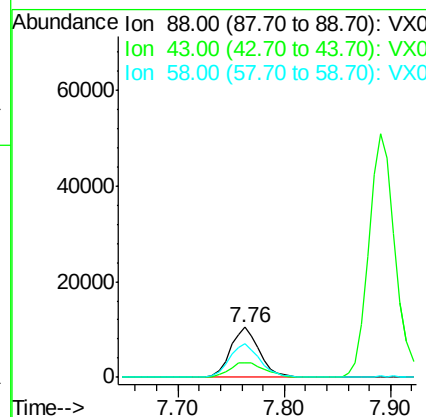
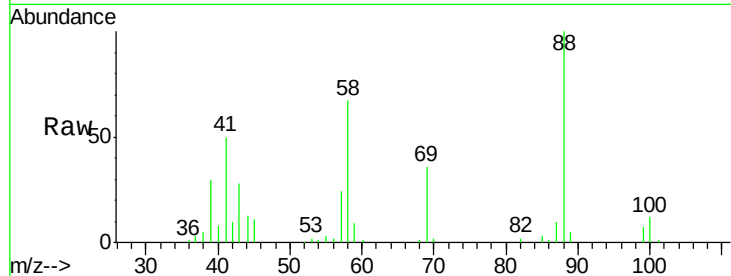
#49
1,4-Dioxane
Concen: 435.67 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.6	29.2	43.8
58	71.8	55.0	82.6

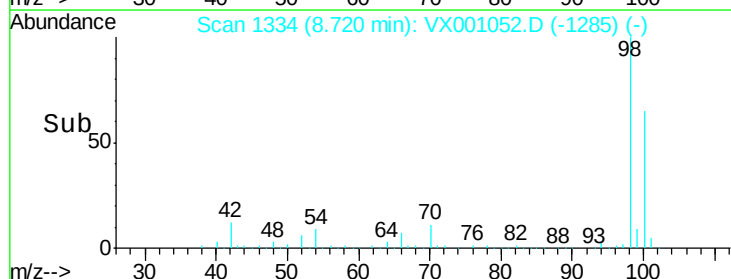
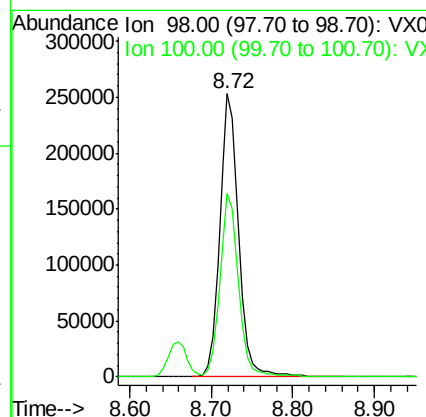
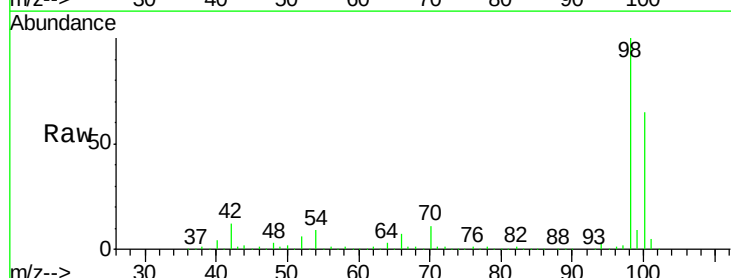
Manual Integrations
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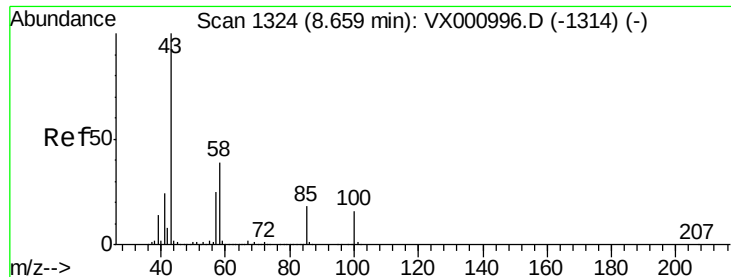
sam
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#50
Toluene-d8
Concen: 47.24 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 100.47 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampled :

VX0423WBS01

Tot Ion: 43 Resp: 347944

Ion Ratio Lower Upper

43 100

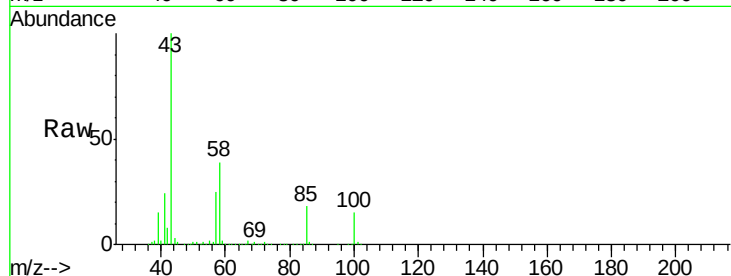
58 36.9 30.2 45.4

Manual Integrations

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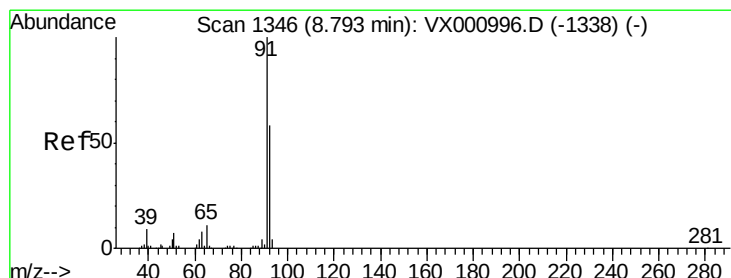
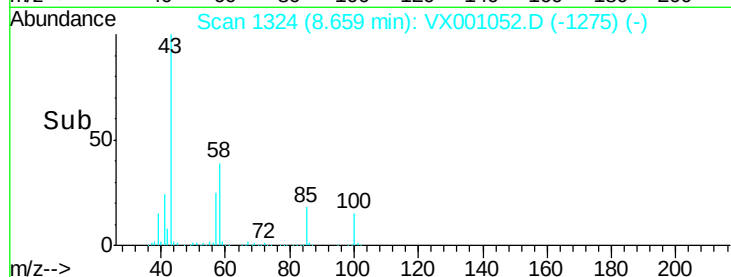
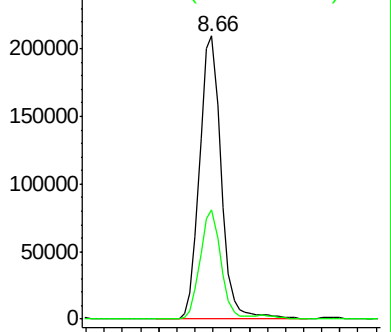
sam

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.52 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001052.D

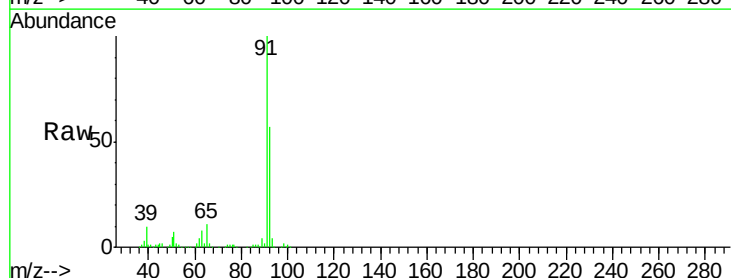
Acq: 23 Apr 2018 12:29

Tgt Ion: 92 Resp: 128396

Ion Ratio Lower Upper

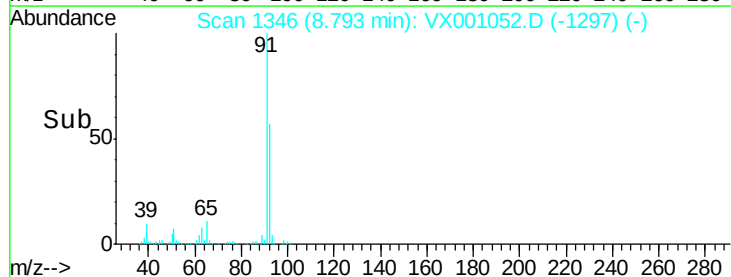
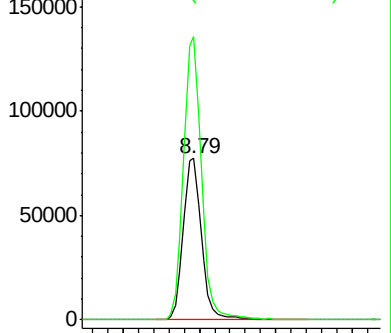
92 100

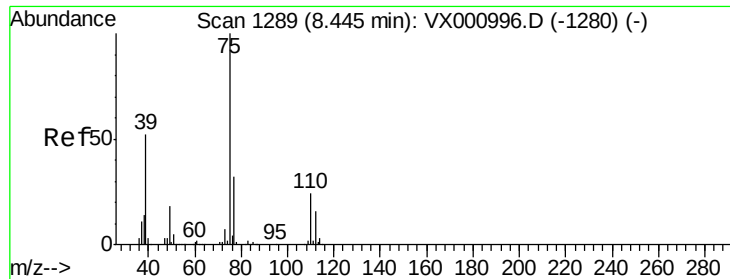
91 173.8 138.2 207.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





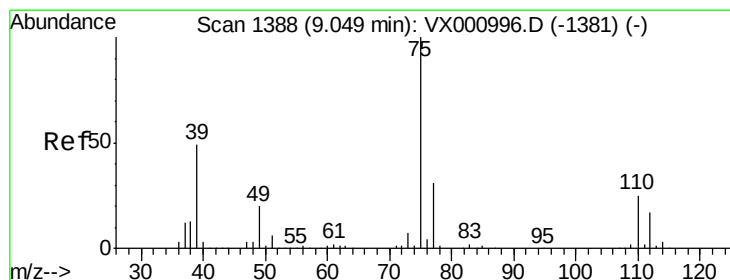
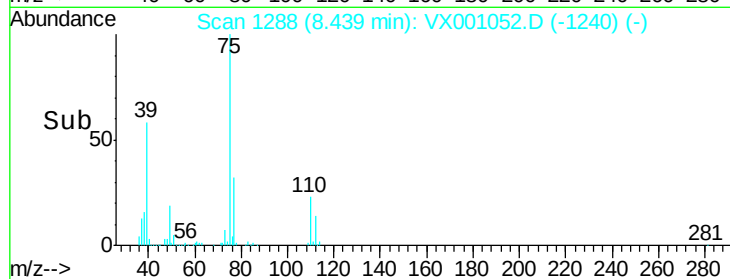
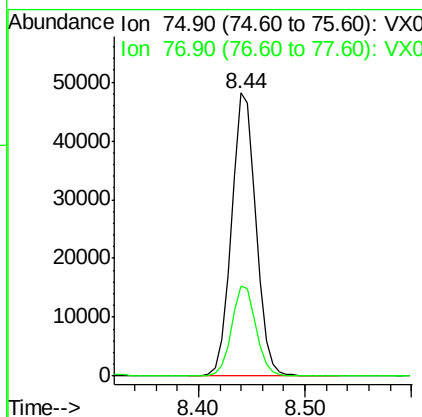
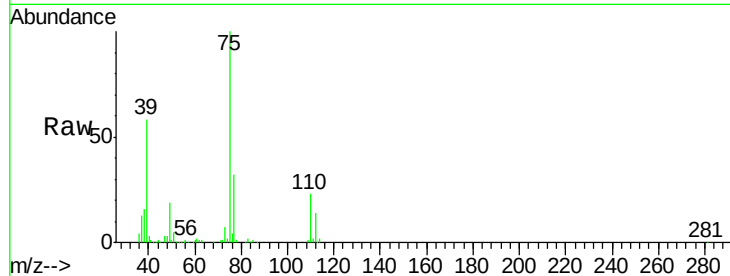
#53
 t-1,3-Dichloropropene
 Concen: 19.77 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

Tot Ion: 75 Resp: 77535
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.8 38.6

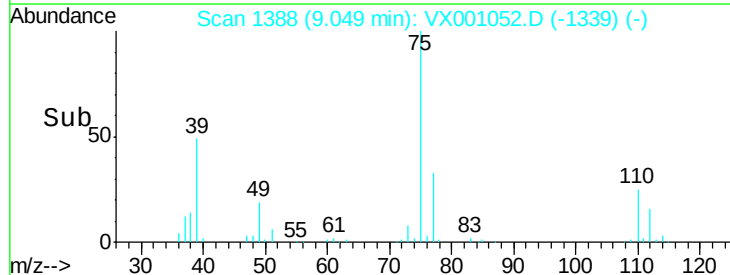
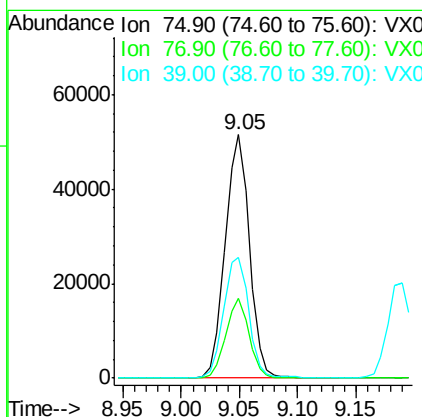
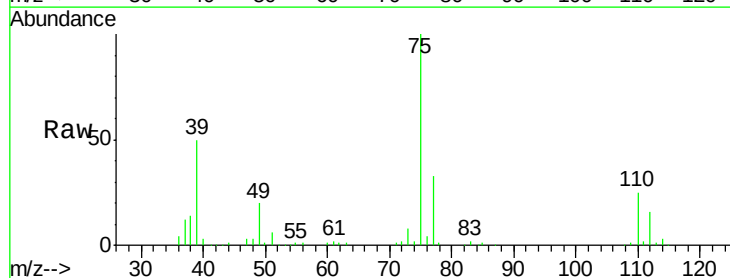
Manual Integrations
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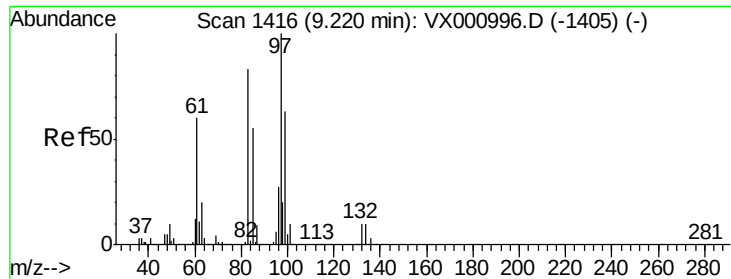
sam
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#54
 cis-1,3-Dichloropropene
 Concen: 20.09 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Tgt Ion: 75 Resp: 74298
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.0 37.6
 39 49.4 39.2 58.8





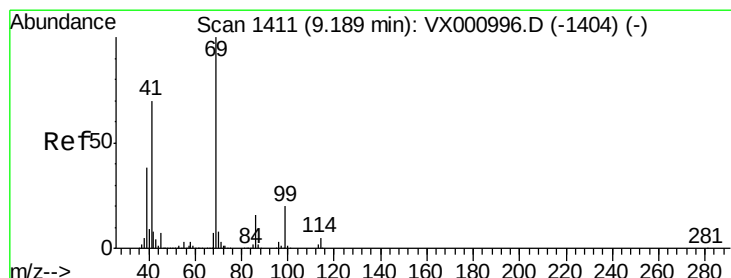
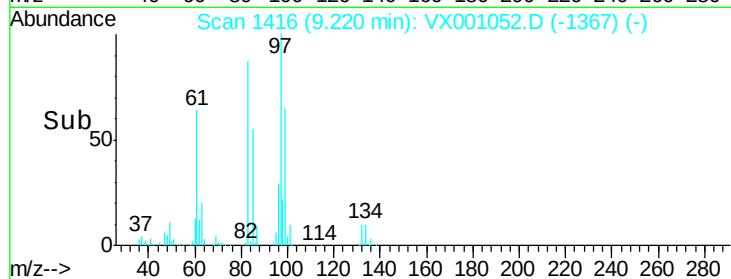
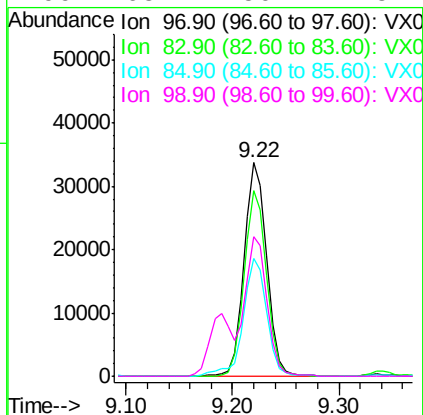
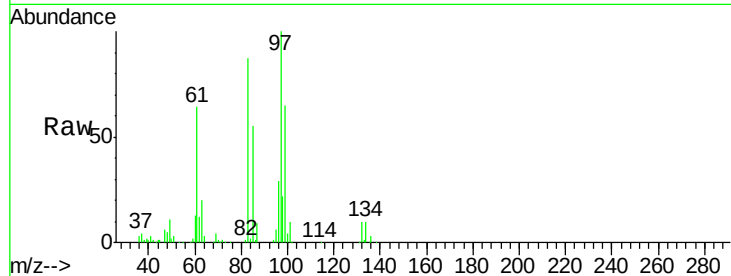
#55
 1,1,2-Trichloroethane
 Concen: 19.31 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		50478		
83	87.2	66.2		99.4	
85	54.9	44.2		66.4	
99	65.1	50.2		75.4	

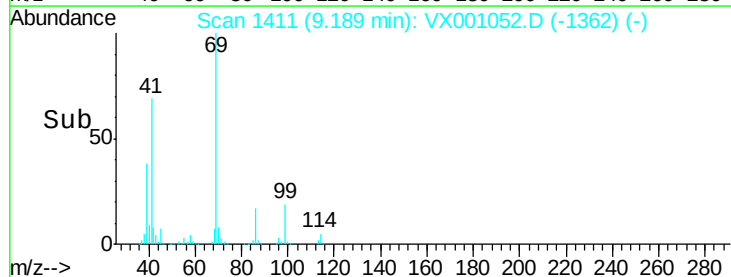
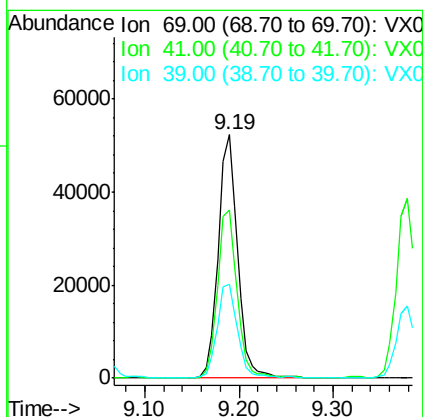
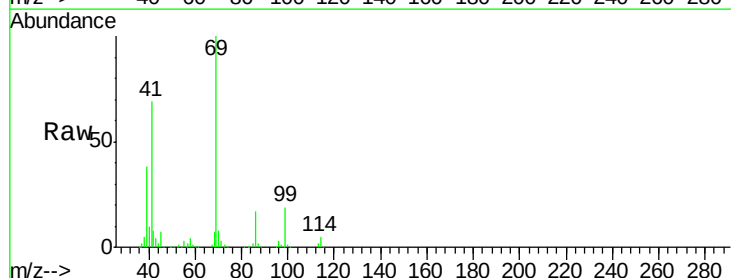
Manual Integrations
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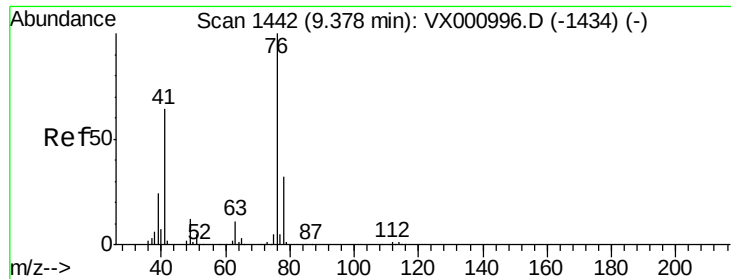
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#56
 Ethyl methacrylate
 Concen: 19.52 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		74965		
41	70.1	56.3		84.5	
39	39.8	30.4		45.6	





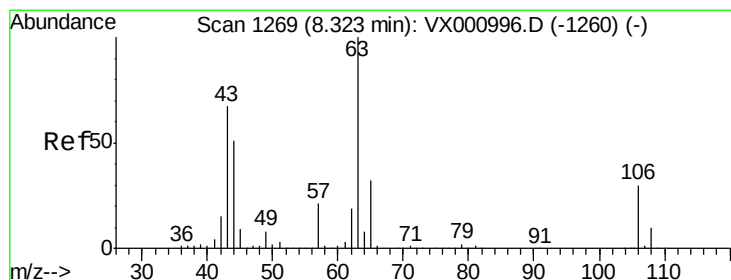
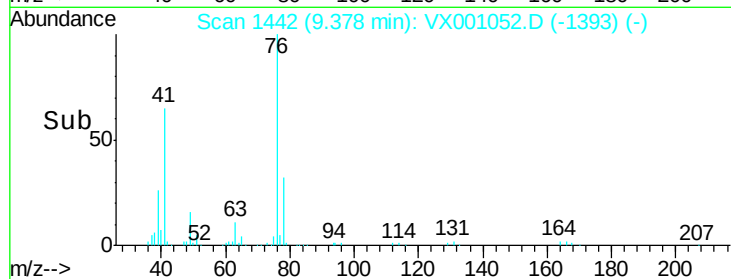
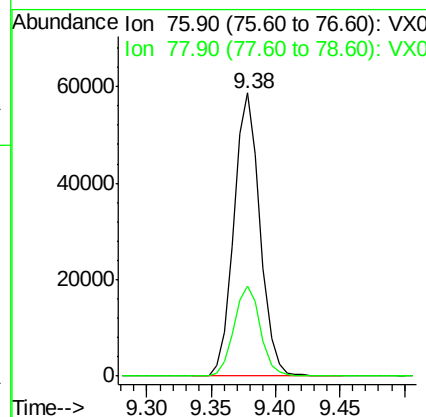
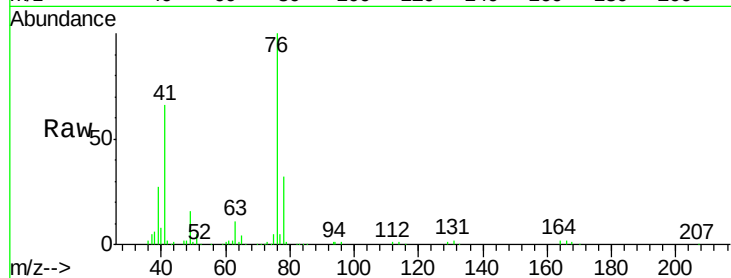
#57
 1,3-Dichloropropane
 Concen: 19.27 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.6

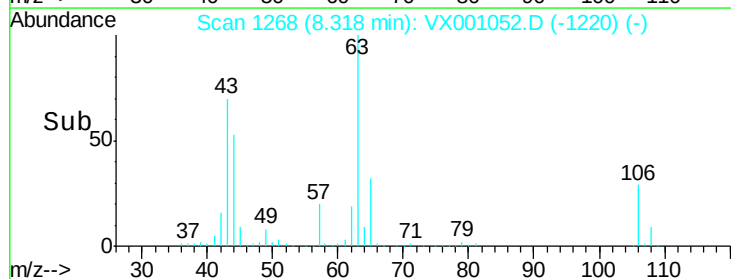
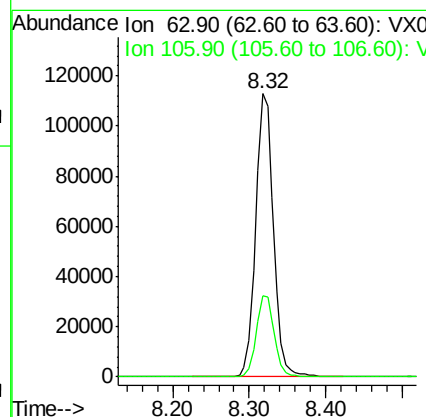
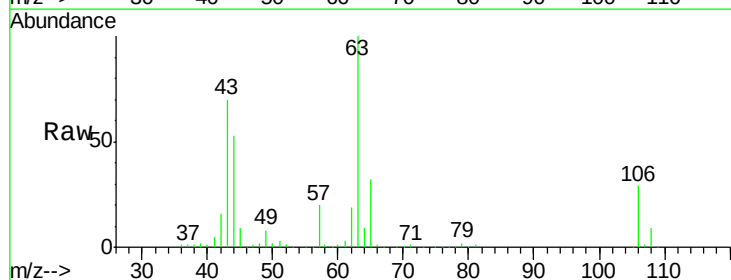
Manual Integrations
 APPROVED

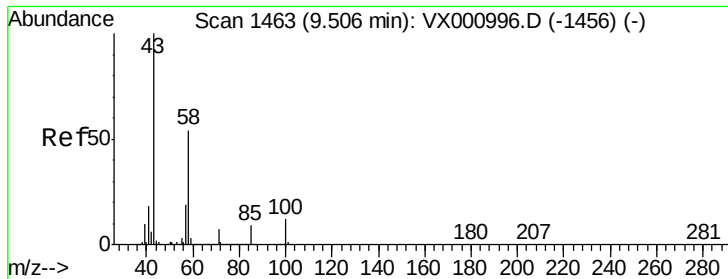
sam
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#58
 2-Chloroethyl Vinyl ether
 Concen: 97.40 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.0	23.8	35.6





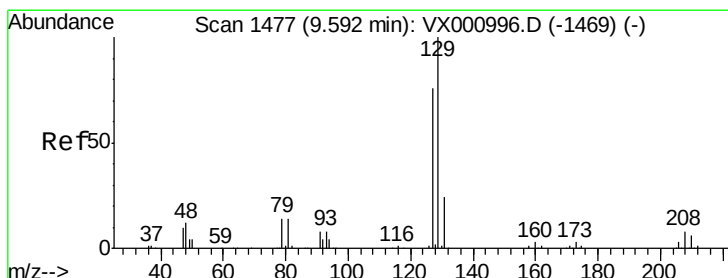
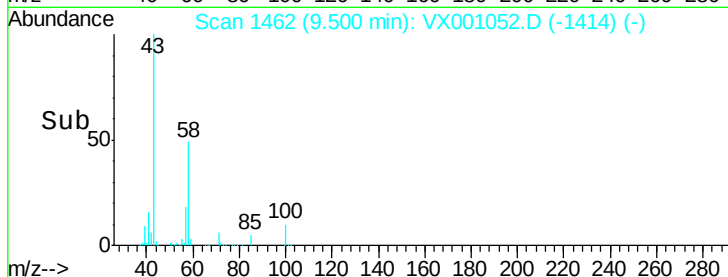
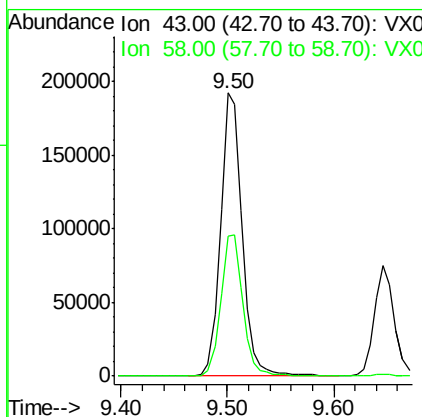
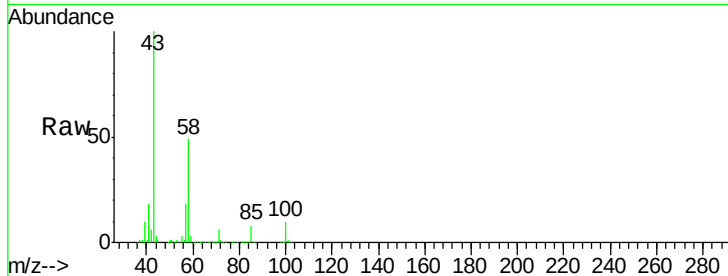
#59
2-Hexanone
Concen: 102.02 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion: 43 Resp: 270442
Ion Ratio Lower Upper
43 100
58 51.3 26.3 78.9

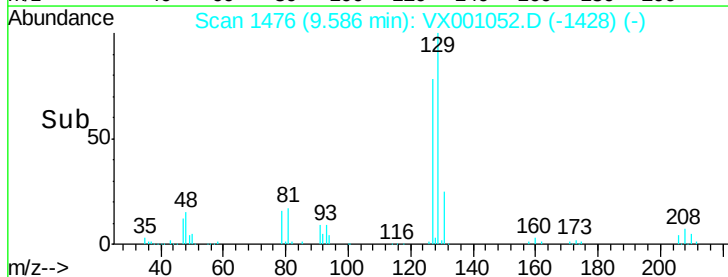
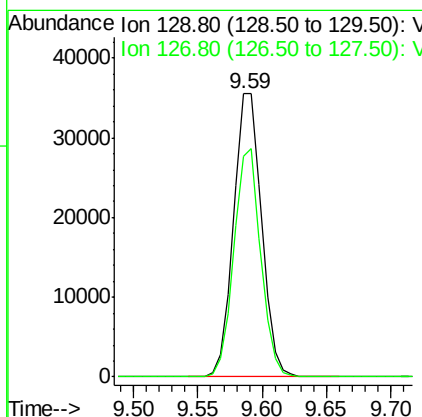
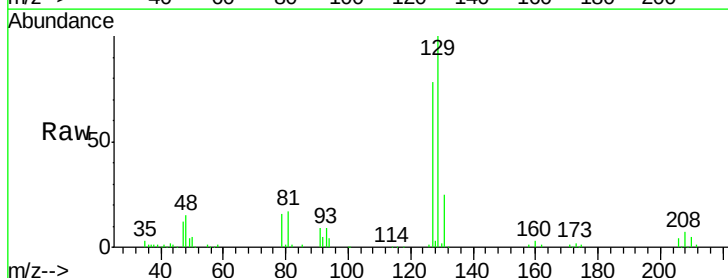
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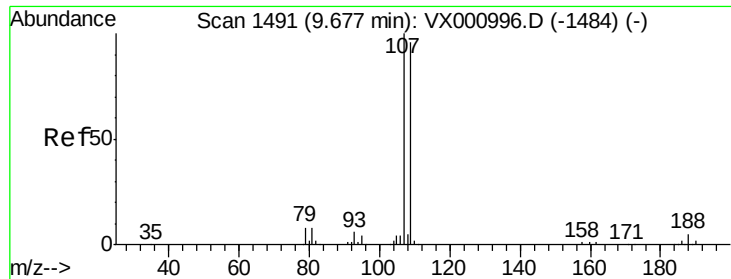
sam
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#60
Dibromochloromethane
Concen: 19.68 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Tgt Ion: 129 Resp: 54026
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.65 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

Tot Ion:107 Resp: 54215

Ion Ratio Lower Upper

107 100

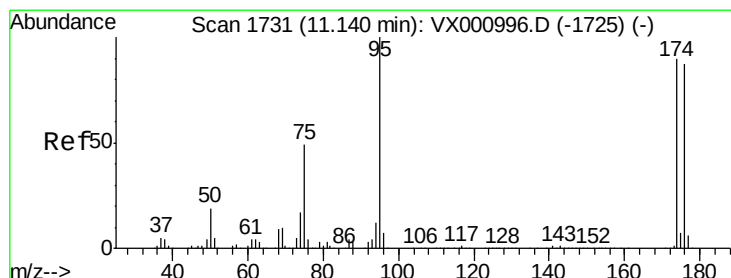
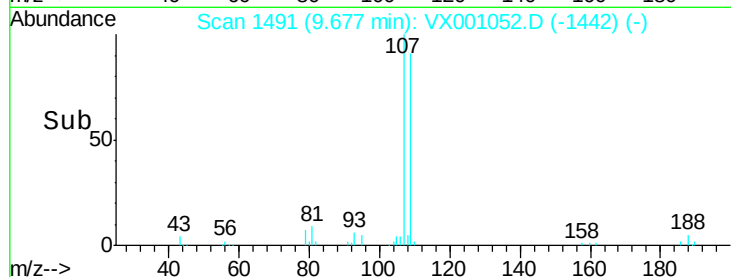
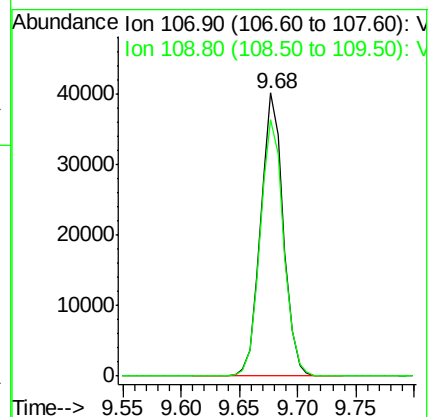
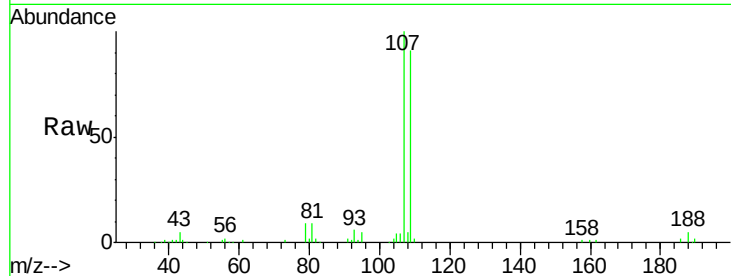
109 94.2 76.0 114.0

Manual Integrations

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sam

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#62

4-Bromofluorobenzene

Concen: 46.84 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

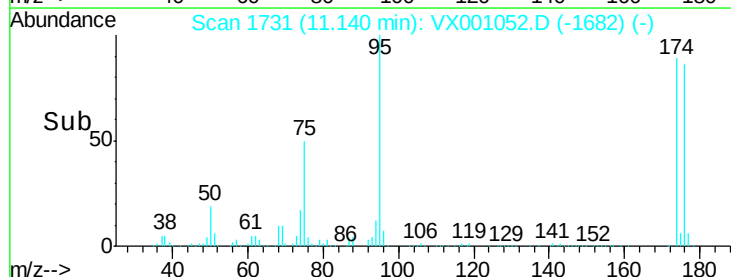
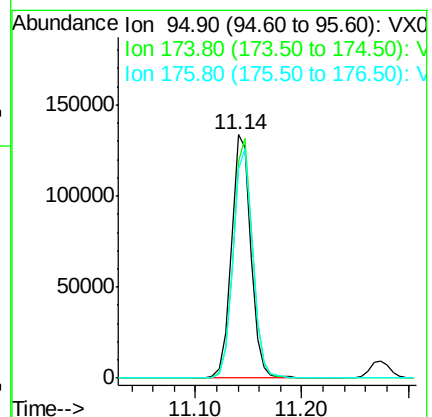
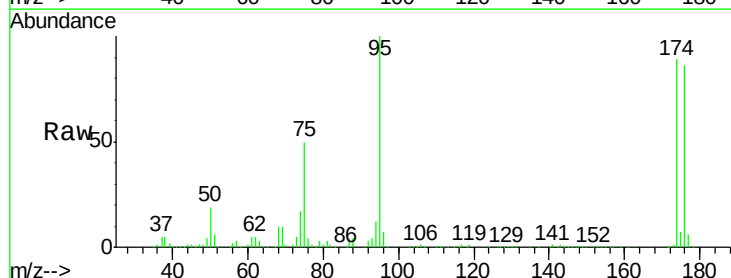
Tgt Ion: 95 Resp: 170967

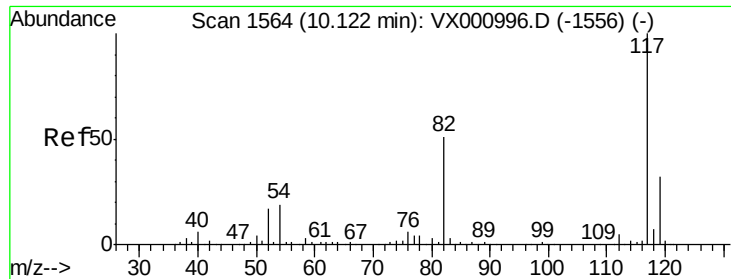
Ion Ratio Lower Upper

95 100

174 97.6 0.0 198.4

176 94.9 0.0 192.0





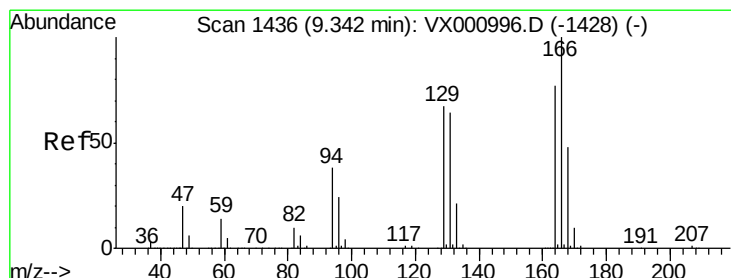
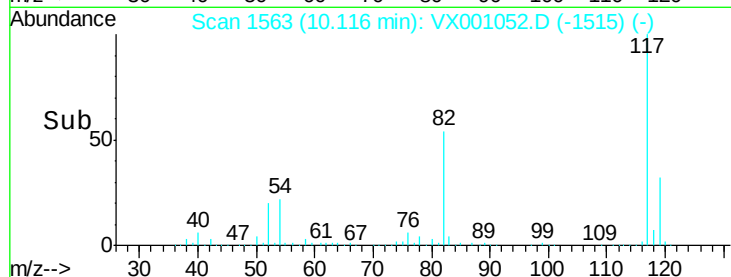
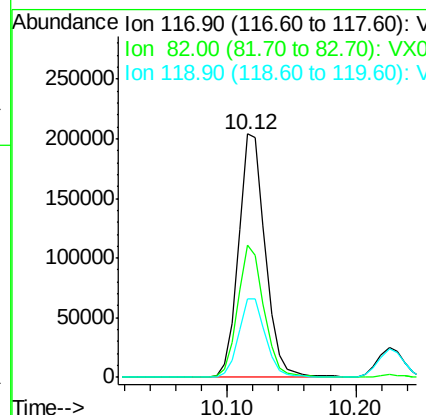
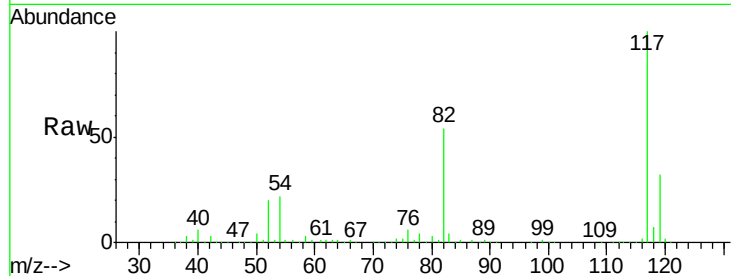
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Instrument :
MSVOA_X
ClientSampled :
VX0423WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	40.6	60.8
119	32.5	26.0	39.0

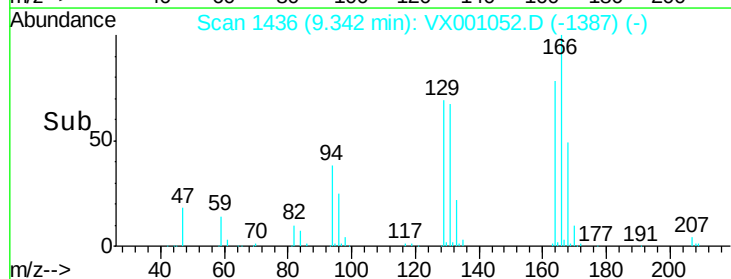
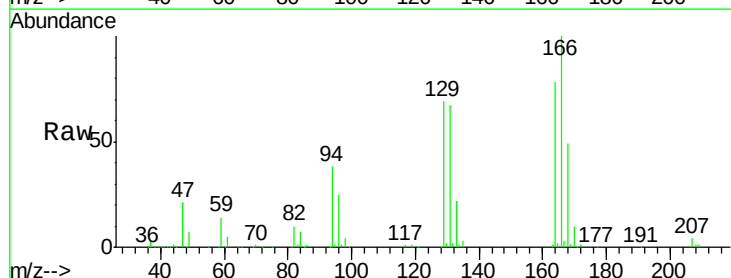
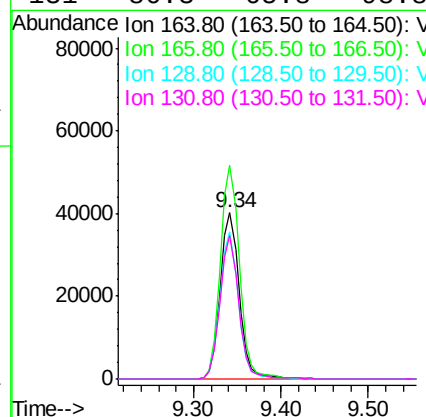
Manual Integrations
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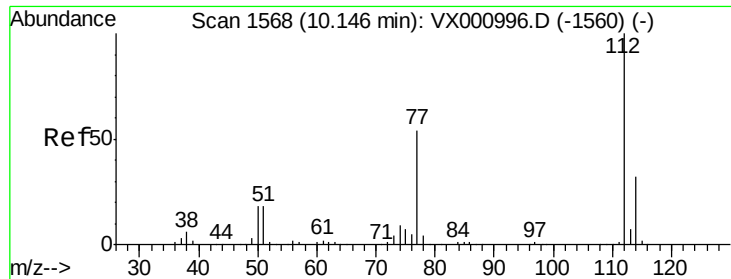
sam
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#64
Tetrachloroethene
Concen: 19.39 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	103.5	155.3
129	88.5	69.6	104.4
131	86.3	65.8	98.8





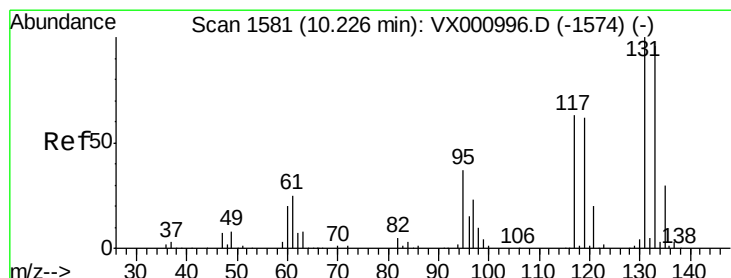
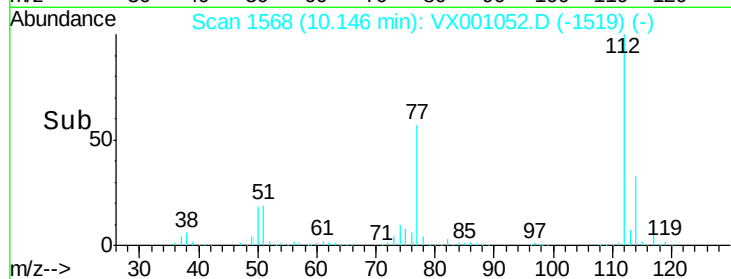
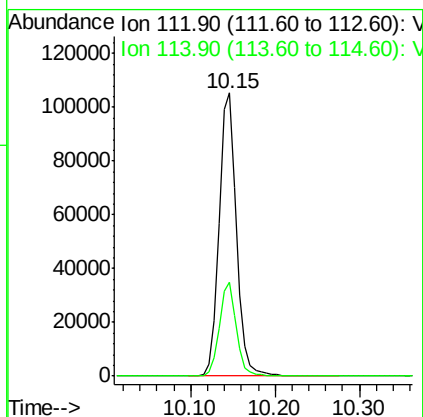
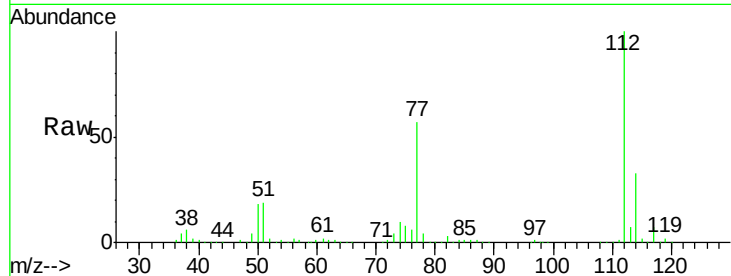
#65
Chlorobenzene
Concen: 19.18 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Instrument :
MSVOA_X
ClientSampled :
VX0423WBS01

Tot Ion:112 Resp: 150405
Ion Ratio Lower Upper
112 100
114 33.0 25.5 38.3

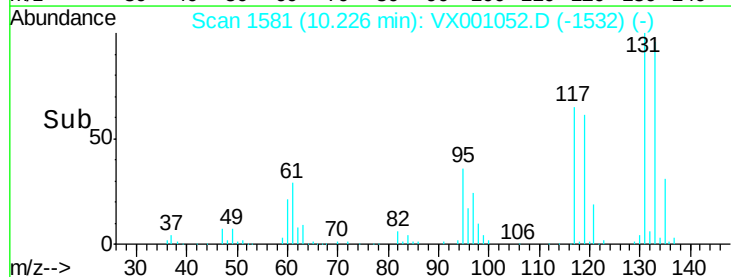
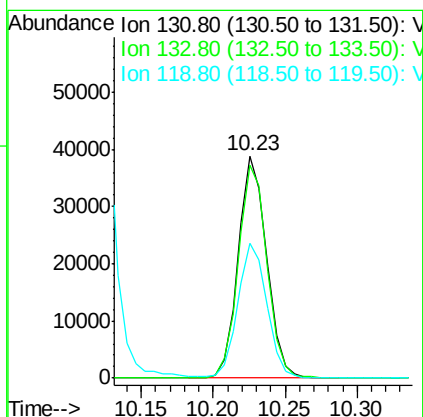
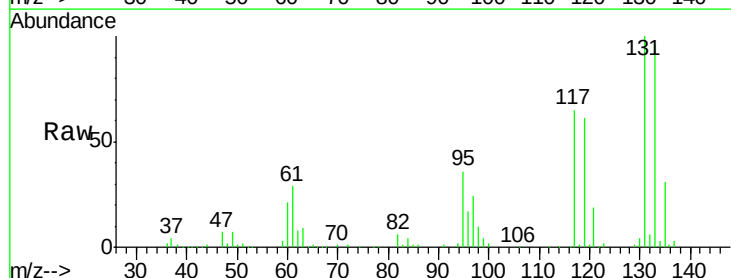
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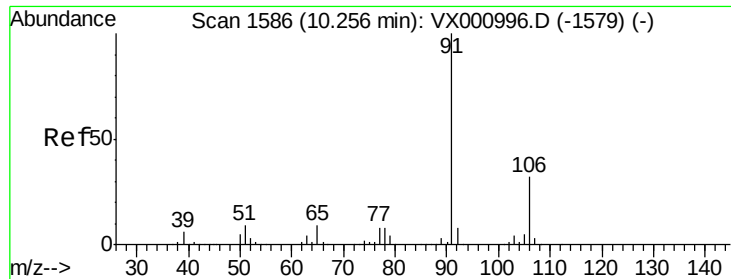
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.81 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Tgt Ion:131 Resp: 53298
Ion Ratio Lower Upper
131 100
133 96.3 47.6 142.8
119 62.4 31.1 93.2





#67

Ethyl Benzene

Concen: 19.28 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampled :

VX0423WBS01

Tot Ion: 91 Resp: 251067

Ion Ratio Lower Upper

91 100

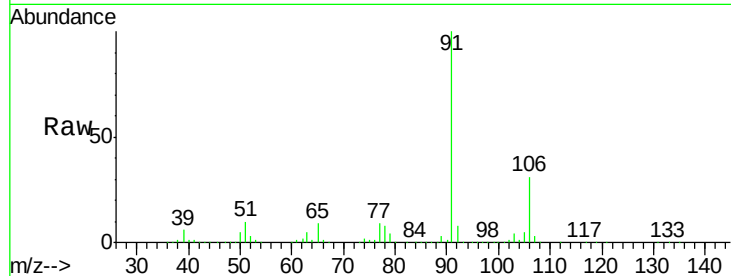
106 31.3 25.7 38.5

Manual Integrations

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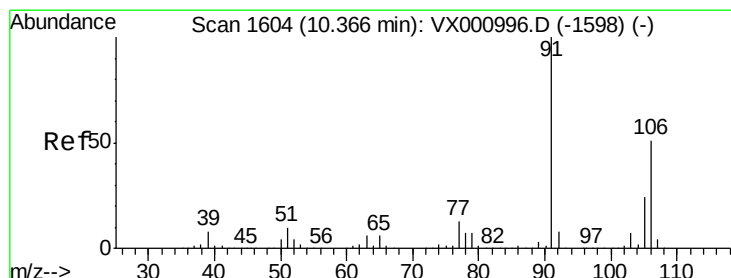
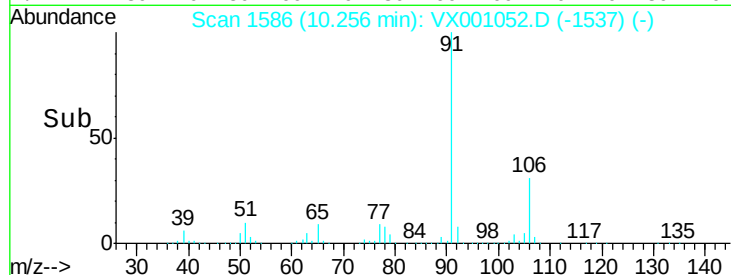
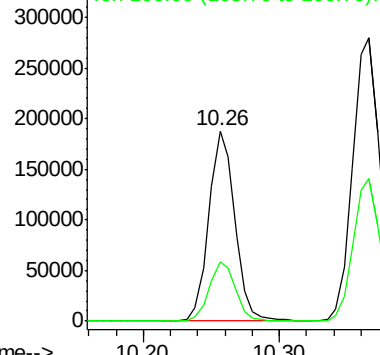
sam

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.12 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001052.D

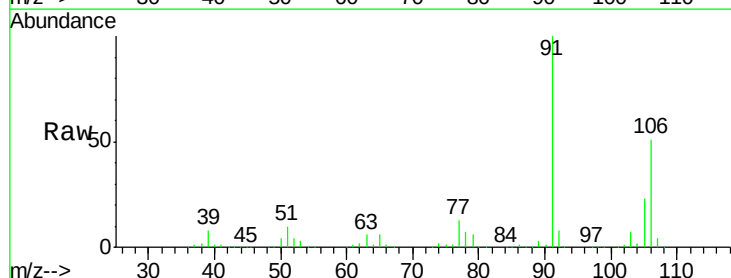
Acq: 23 Apr 2018 12:29

Tgt Ion: 106 Resp: 195620

Ion Ratio Lower Upper

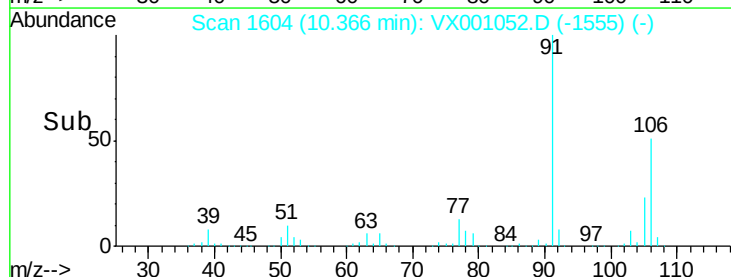
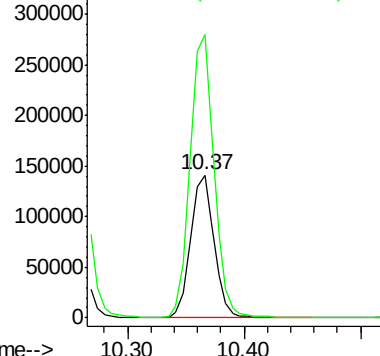
106 100

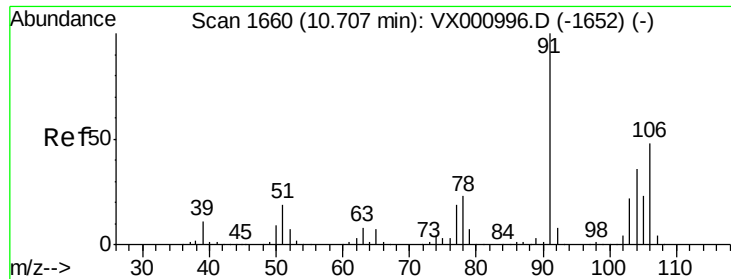
91 203.1 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





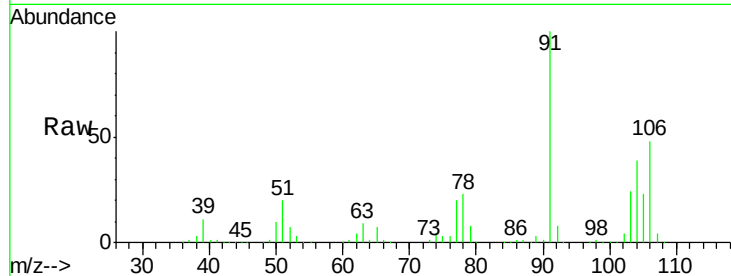
#69
o-Xylene
Concen: 19.23 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Instrument :
MSVOA_X
ClientSampled :
VX0423WBS01

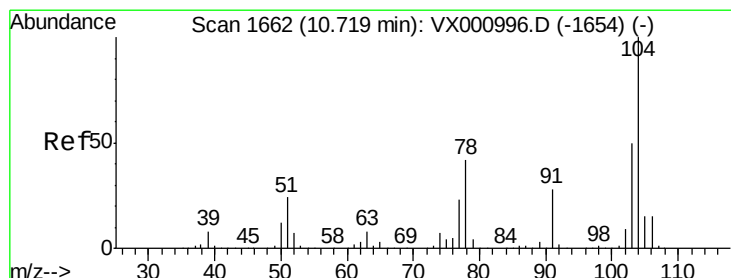
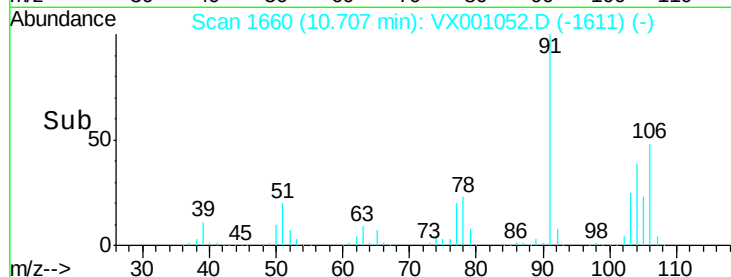
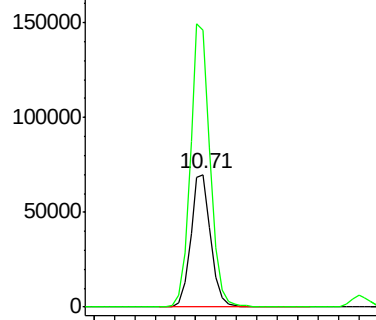
Tot Ion:106 Resp: 95117
Ion Ratio Lower Upper
106 100
91 212.5 105.1 315.1

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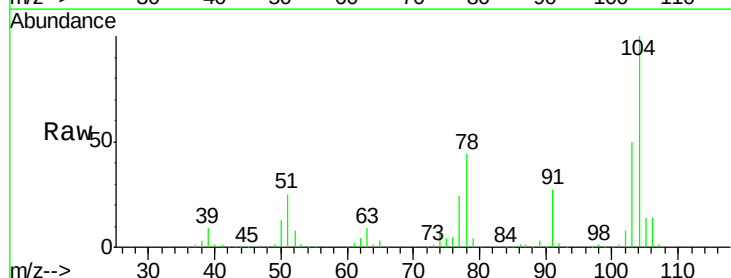


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

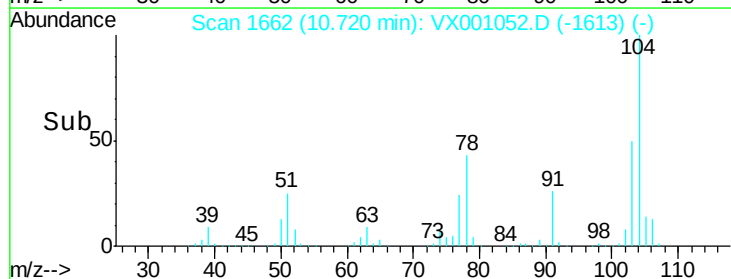
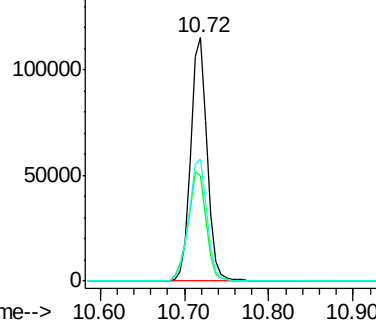


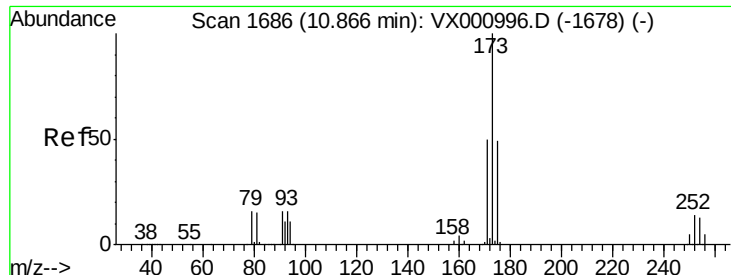
#70
Styrene
Concen: 19.22 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Tgt Ion:104 Resp: 156585
Ion Ratio Lower Upper
104 100
78 50.4 39.4 59.2
103 55.4 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.77 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

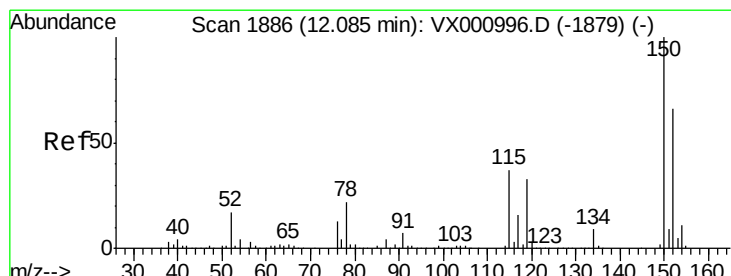
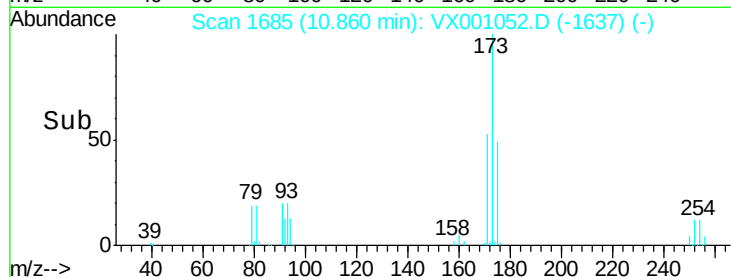
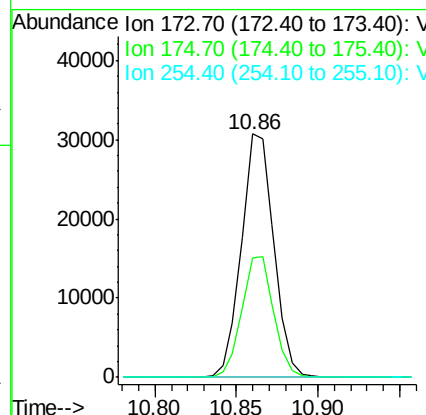
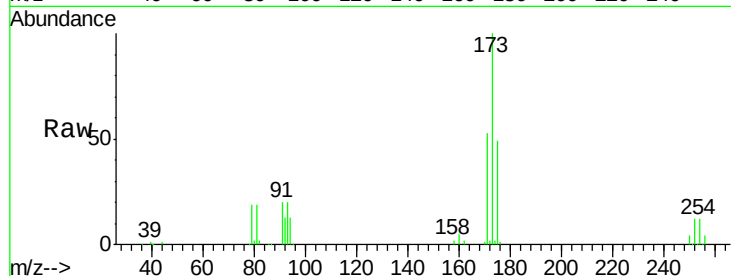
ClientSampleId :

VX0423WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.8	74.3
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

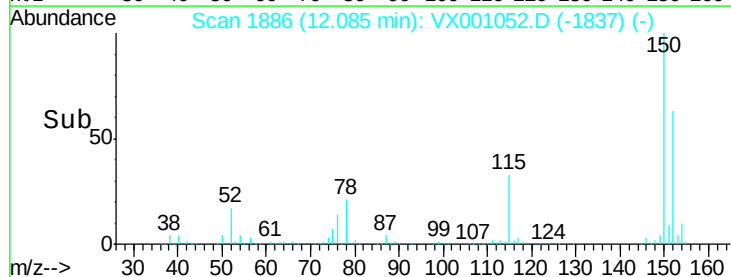
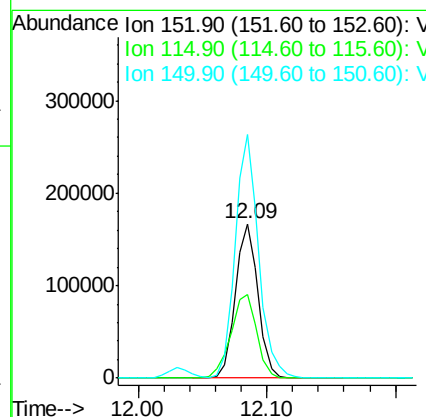
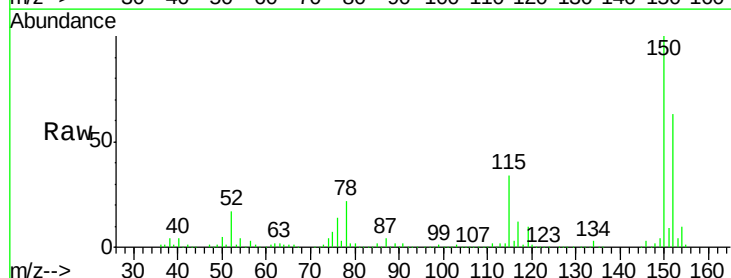
RT: 12.09 min Scan# 1886

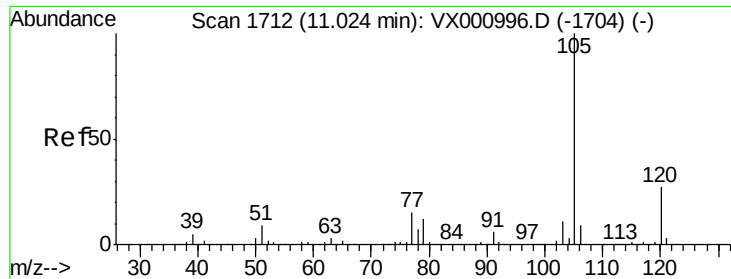
Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.7	38.2	114.6
150	163.4	0.0	350.4





#73

Isopropylbenzene

Concen: 19.46 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

Tot Ion:105 Resp: 260361

Ion Ratio Lower Upper

105 100

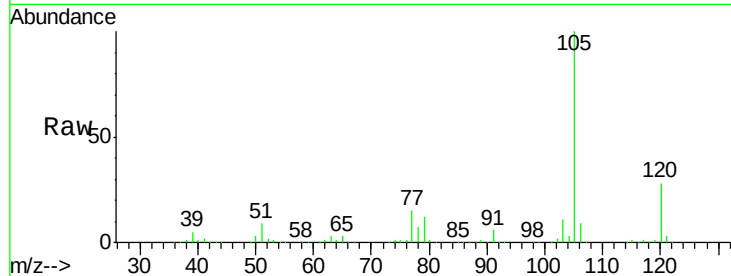
120 27.2 13.4 40.2

Manual Integrations

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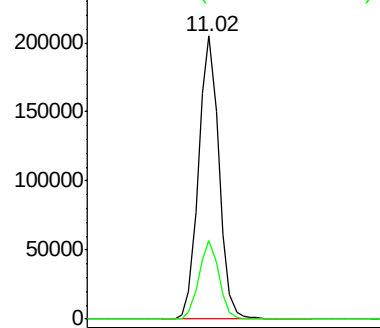
sam

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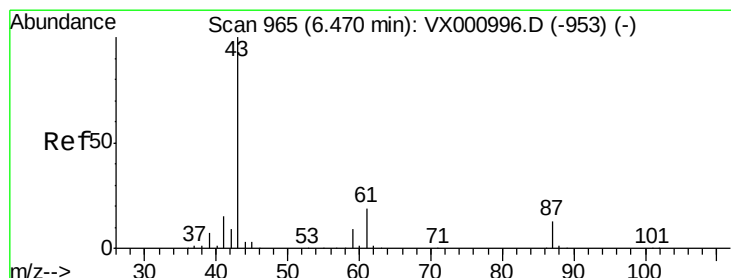
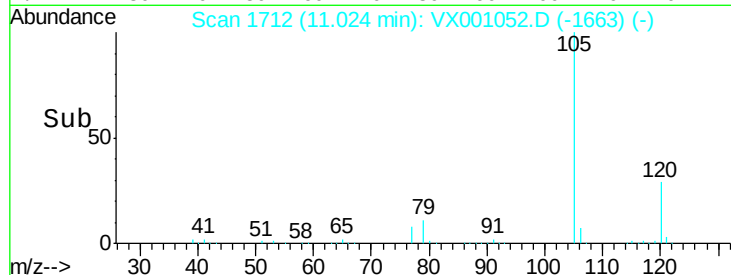


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 19.40 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Tgt Ion: 43 Resp: 111049

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

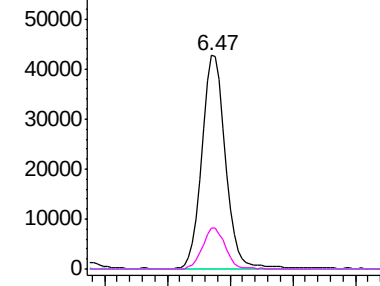
61 18.9 15.4 23.2

Abundance Ion 43.00 (42.70 to 43.70): VX0

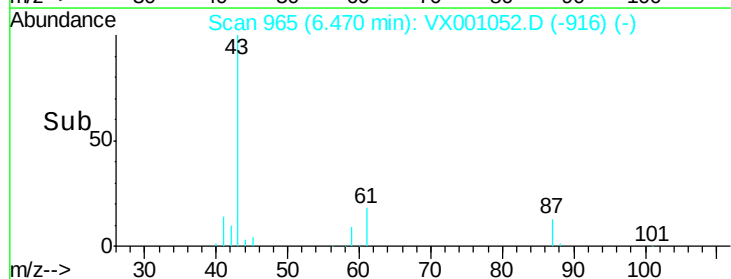
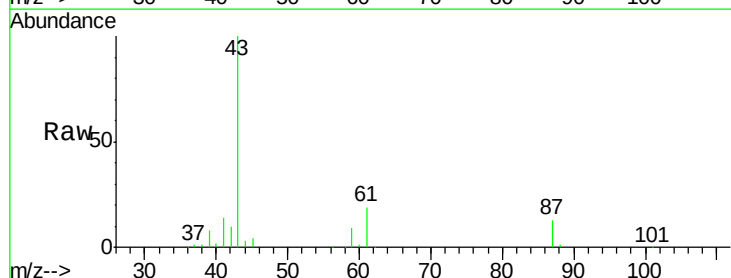
Ion 70.00 (69.70 to 70.70): VX0

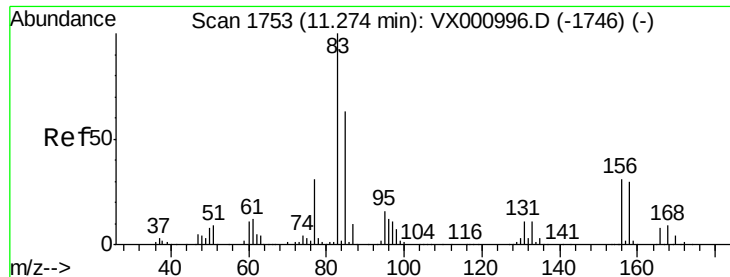
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.57 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

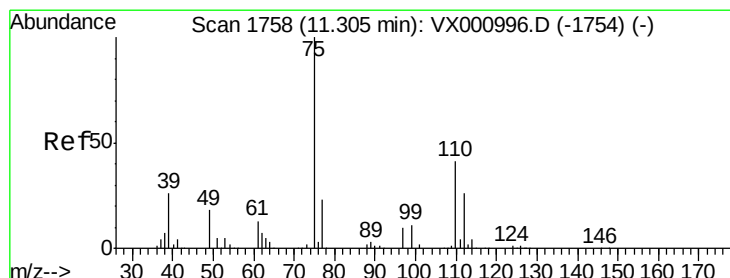
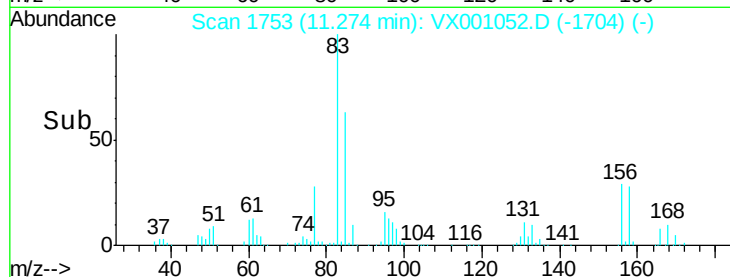
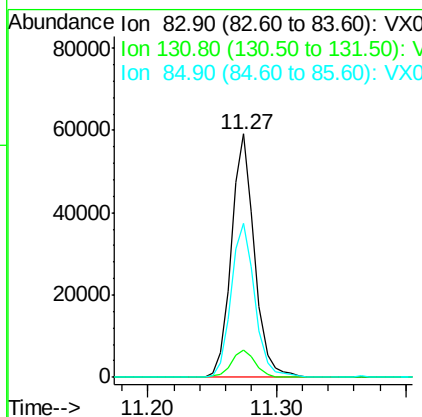
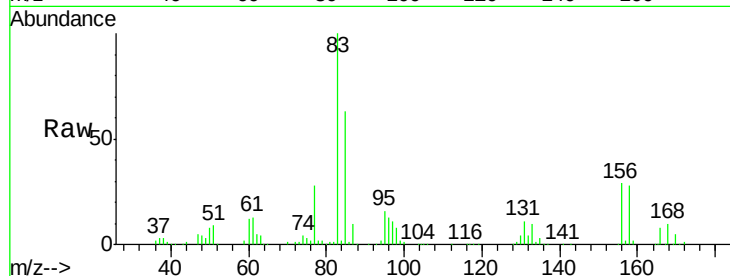
ClientSampleId :

VX0423WBS01

Tot Ion:	83	Resp:	74132
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.8	17.4
85	65.6	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 20.06 ug/l m

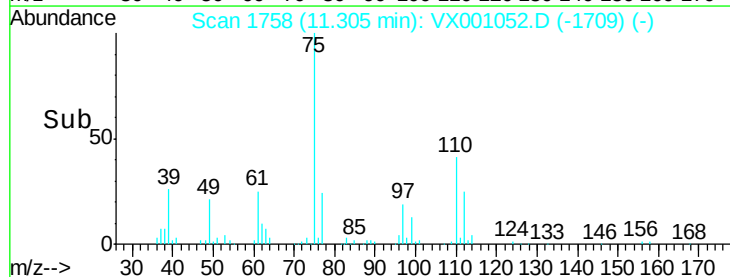
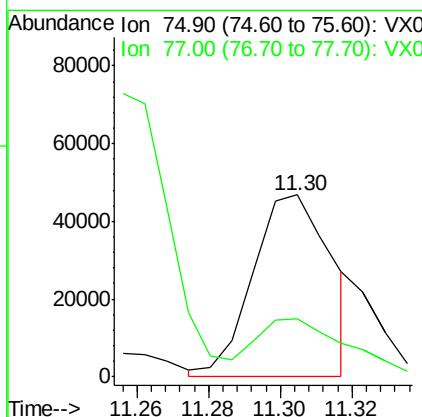
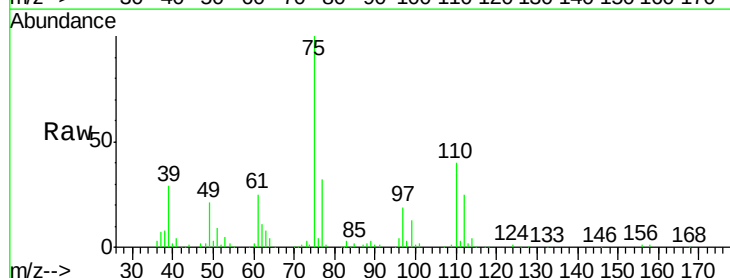
RT: 11.30 min Scan# 1758

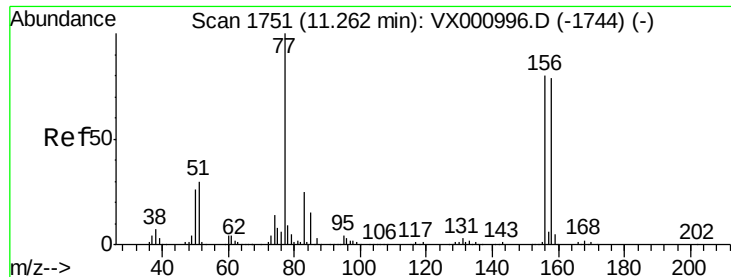
Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Tgt Ion:	75	Resp:	71247
Ion Ratio	Lower	Upper	
75	100		
77	36.7	19.6	58.7





#77

Bromobenzene

Concen: 19.02 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

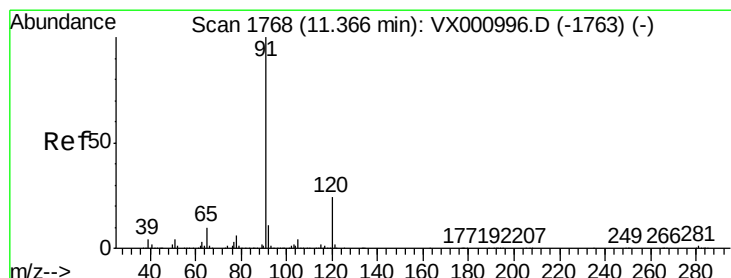
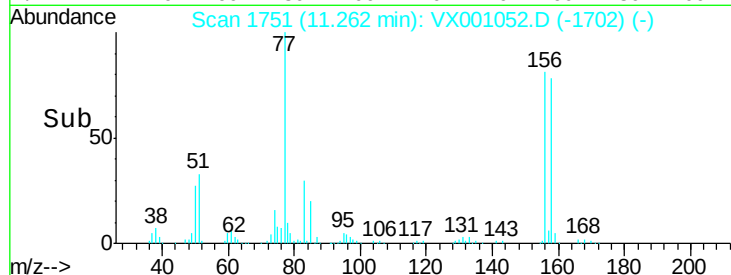
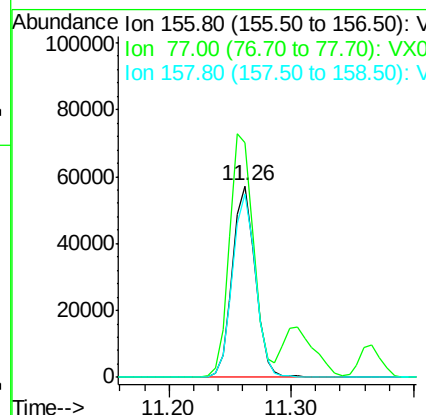
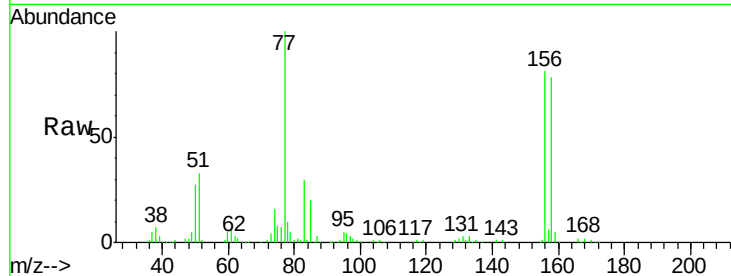
ClientSampleId :

VX0423WBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	135.4	66.3	199.0	
158	97.1	48.9	146.6	

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#78

n-propylbenzene

Concen: 19.39 ug/l

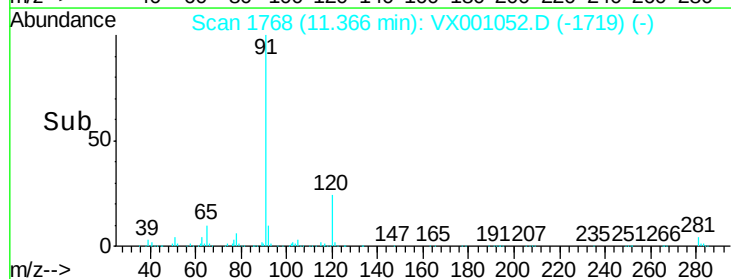
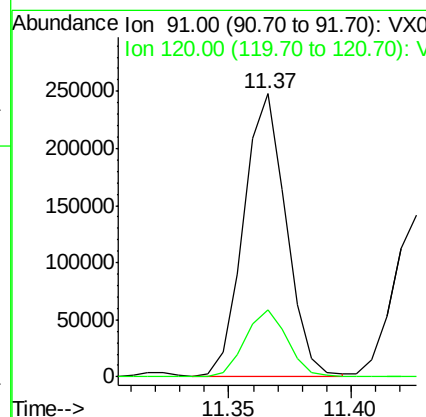
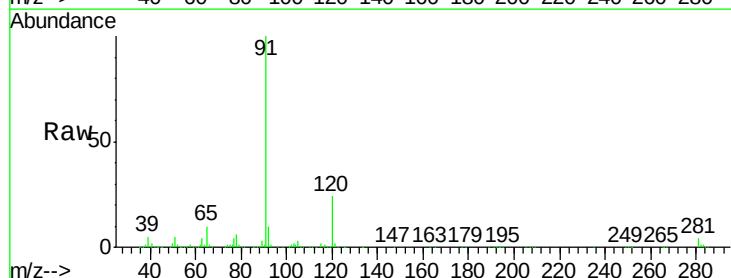
RT: 11.37 min Scan# 1768

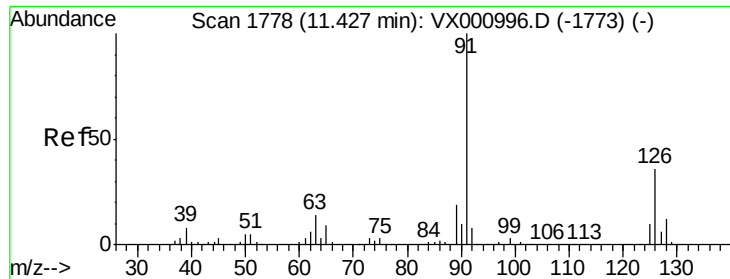
Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.8	12.4	37.0	





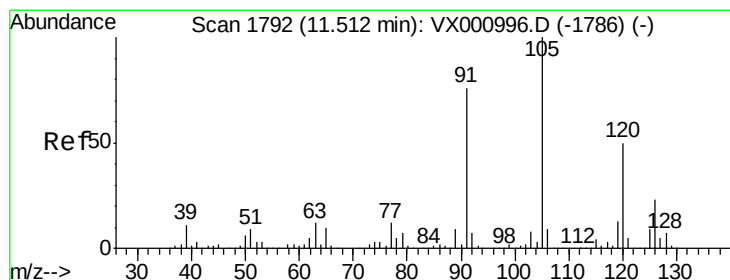
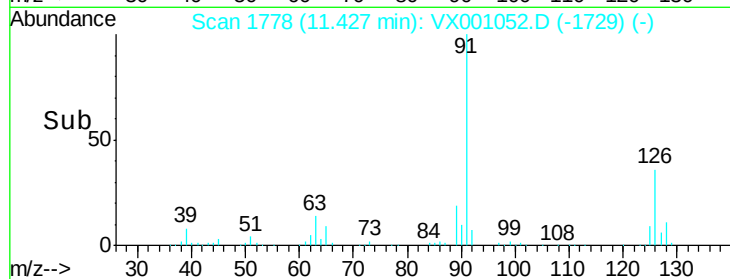
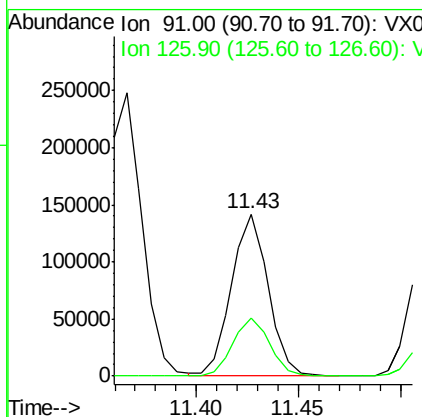
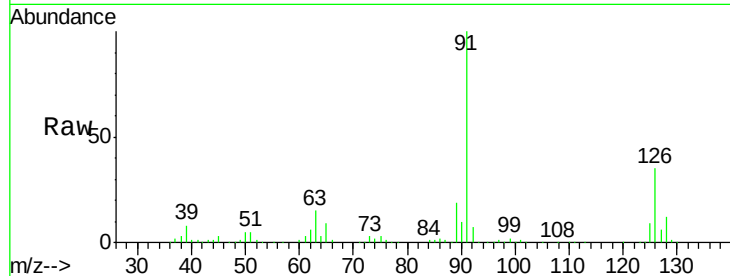
#79
 2-Chlorotoluene
 Concen: 19.39 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

Tot Ion: 91 Resp: 175981
 Ion Ratio Lower Upper
 91 100
 126 36.2 18.3 54.9

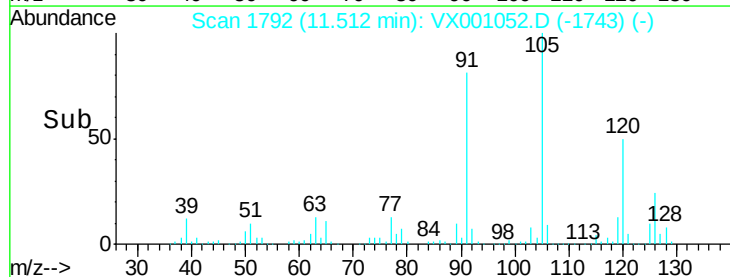
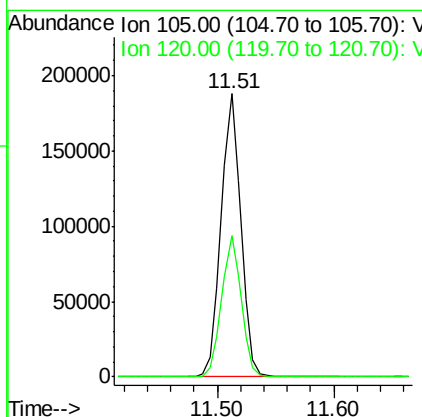
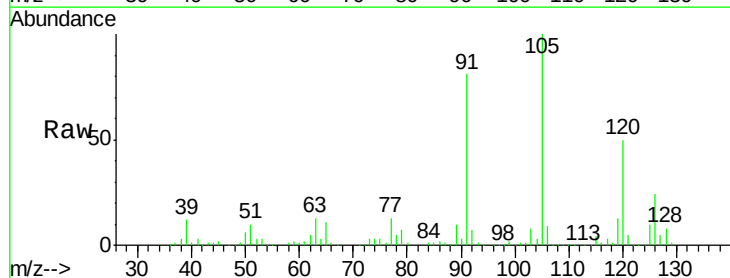
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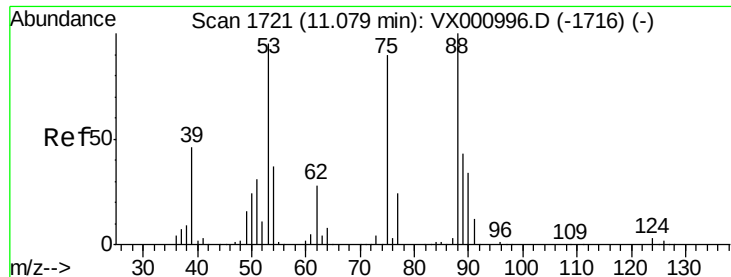
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.38 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Tgt Ion: 105 Resp: 219849
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.93 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

Tot Ion: 75 Resp: 18172

Ion Ratio Lower Upper

75 100

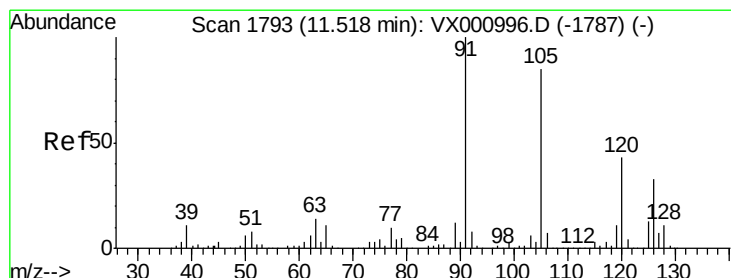
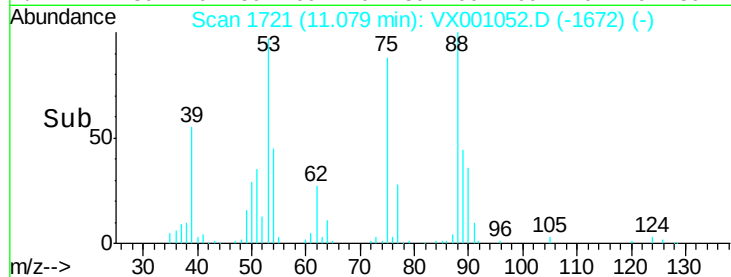
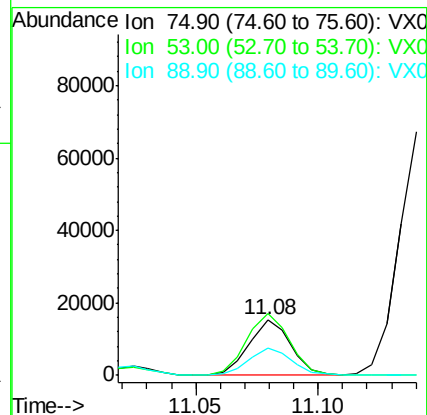
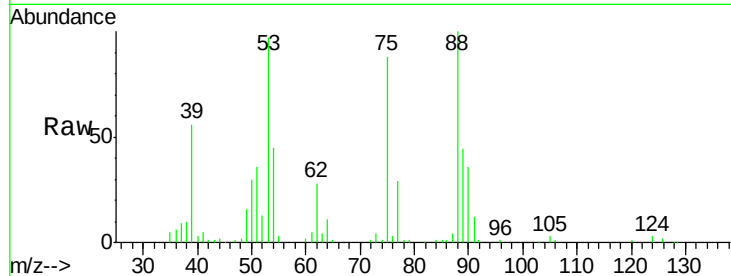
53 115.5 83.4 125.2

89 50.8 39.7 59.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.19 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001052.D

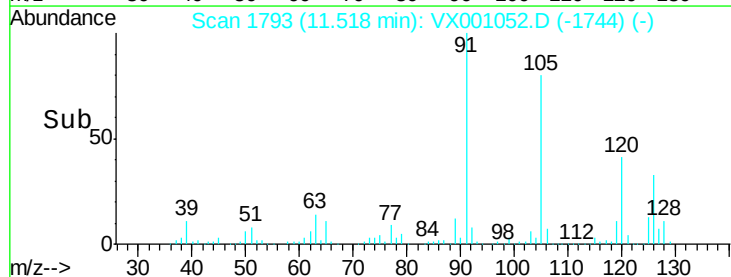
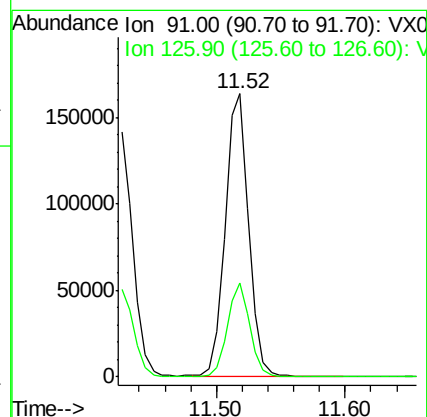
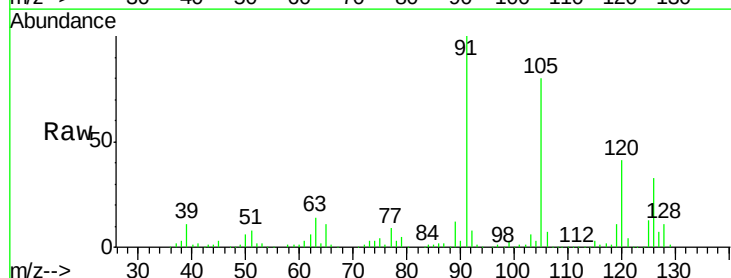
Acq: 23 Apr 2018 12:29

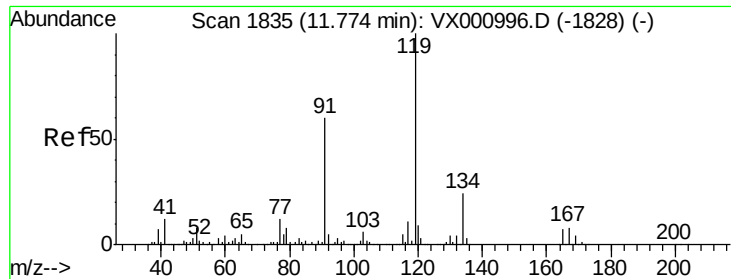
Tgt Ion: 91 Resp: 210476

Ion Ratio Lower Upper

91 100

126 31.7 16.2 48.5





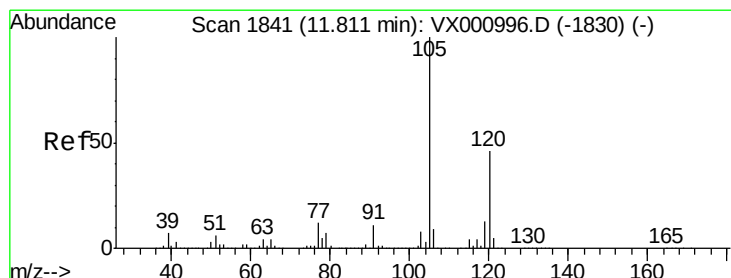
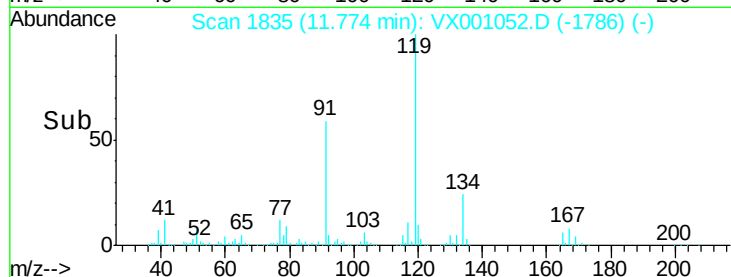
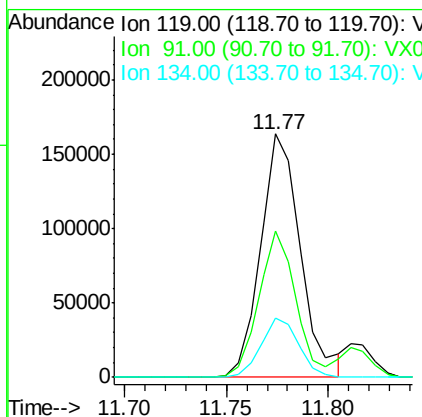
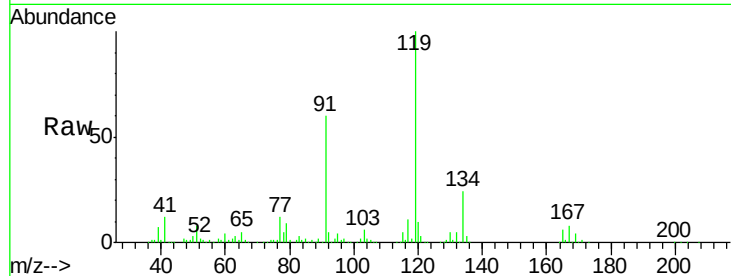
#83
 tert-Butylbenzene
 Concen: 19.48 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	222939		
91	55.6		27.0	81.0
134	23.4		11.6	34.7

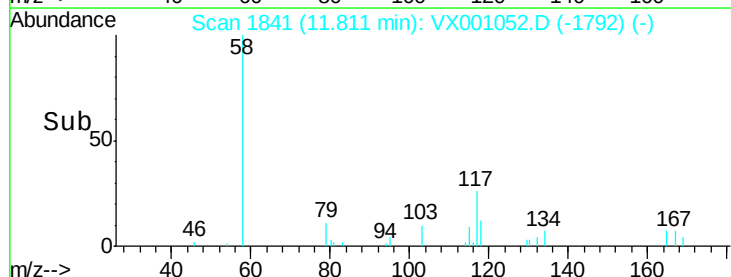
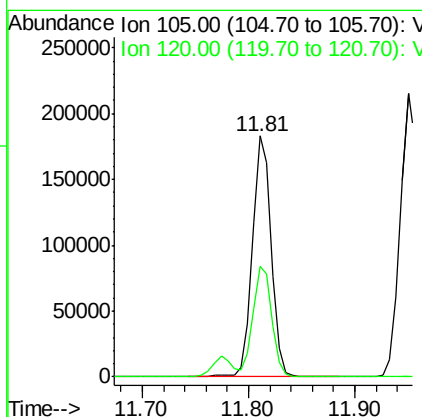
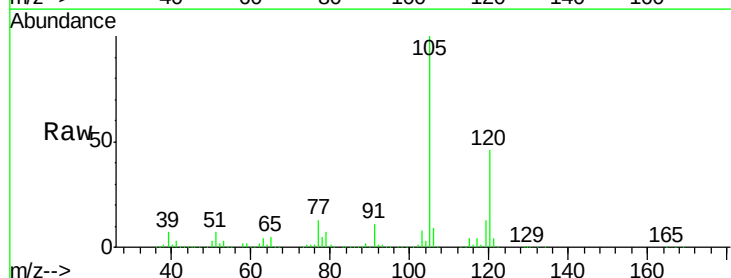
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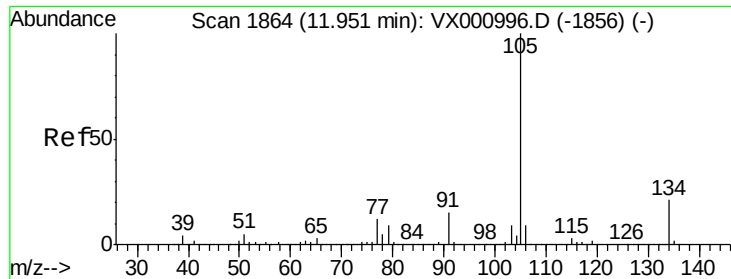
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.38 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	226218		
120	45.7		23.0	69.0





#85

sec-Butylbenzene

Concen: 19.19 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

Tot Ion:105 Resp: 262070

Ion Ratio Lower Upper

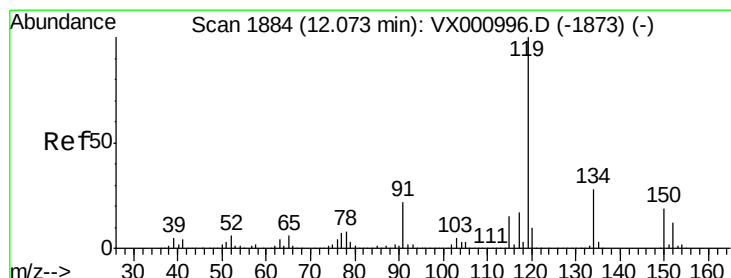
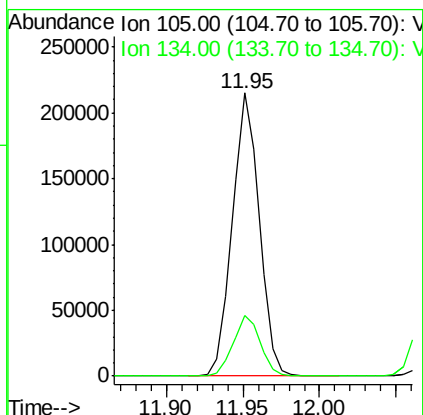
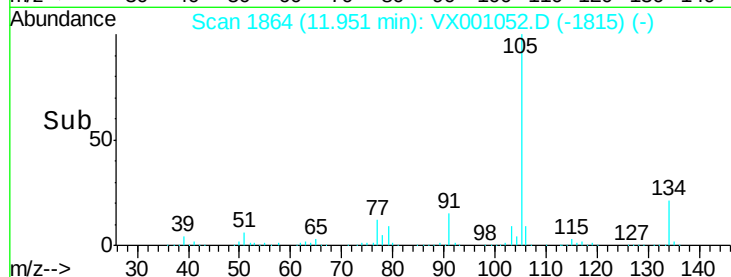
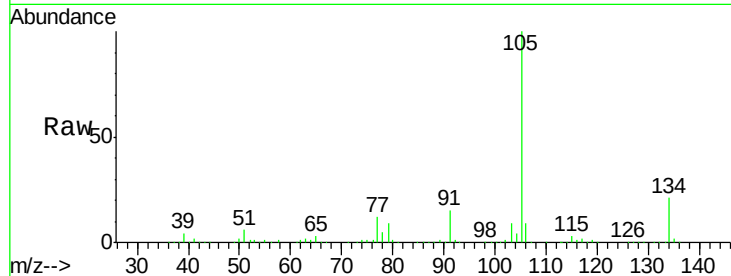
105 100

134 21.5 10.5 31.6

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#86

p-Isopropyltoluene

Concen: 19.31 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

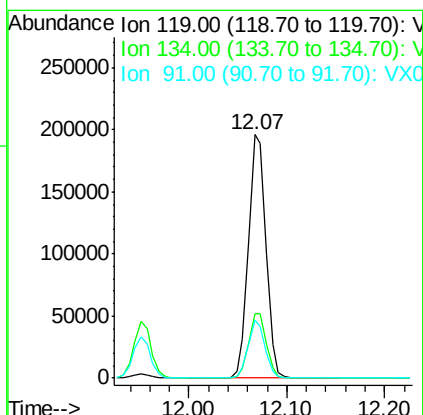
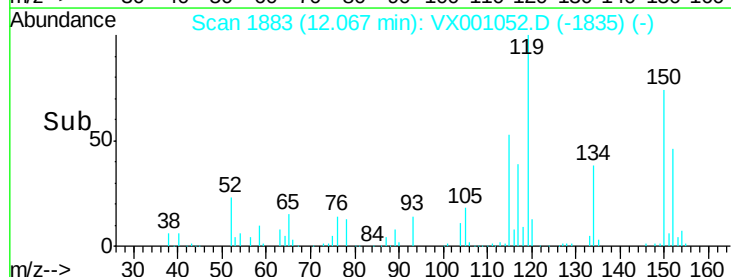
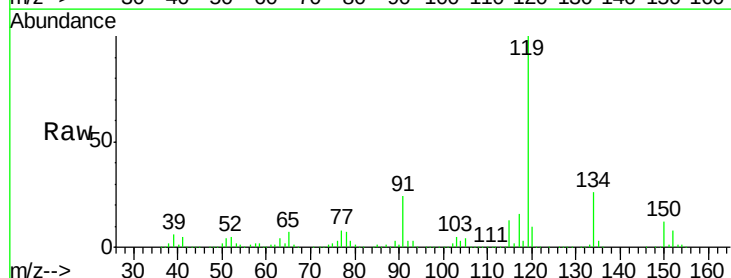
Tgt Ion:119 Resp: 244019

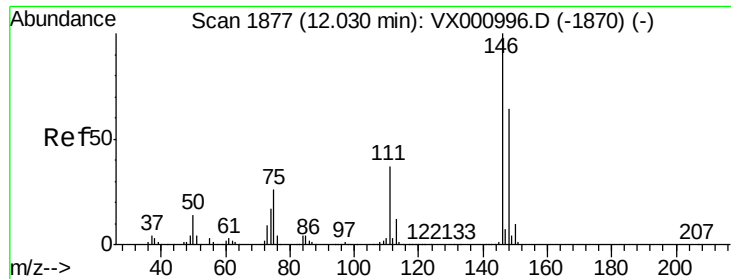
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

91 22.9 11.4 34.1





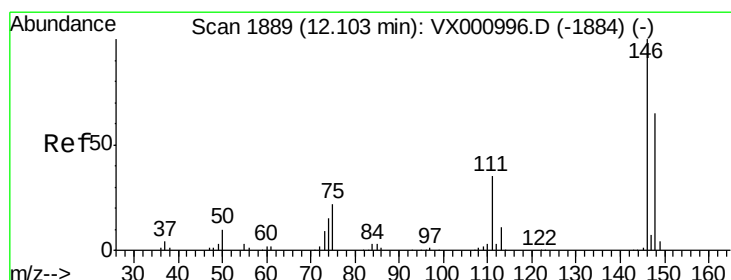
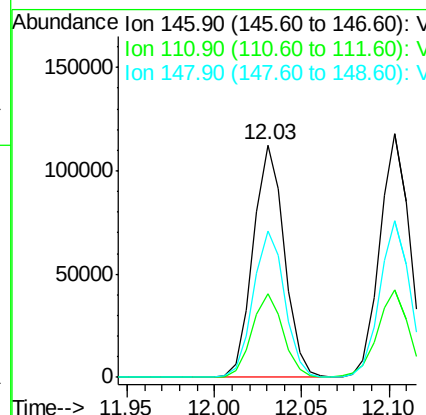
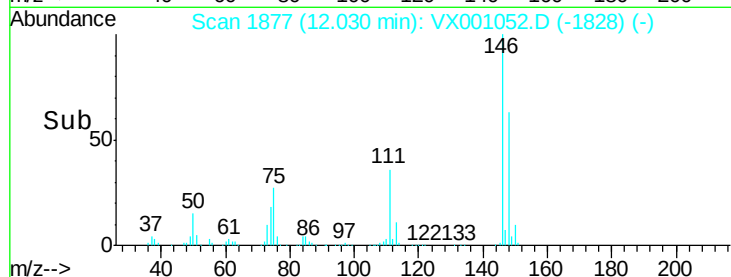
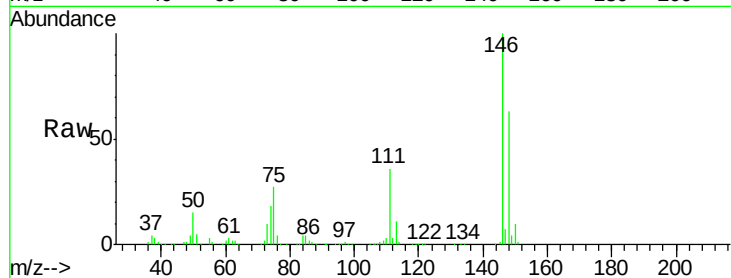
#87
 1,3-Dichlorobenzene
 Concen: 19.17 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.3	54.8
148	63.6	32.2	96.6

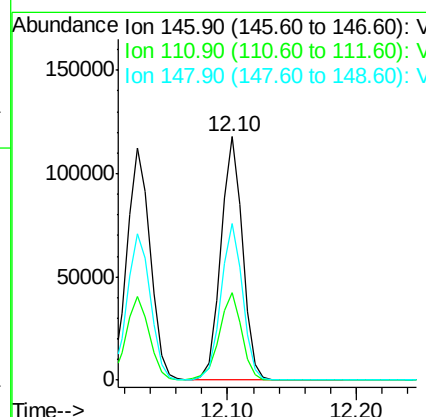
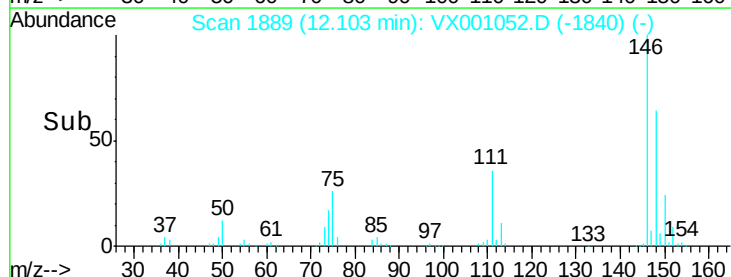
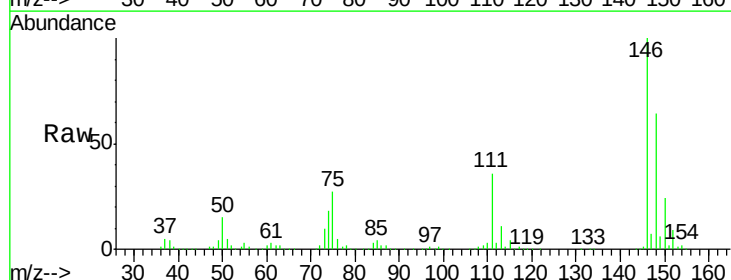
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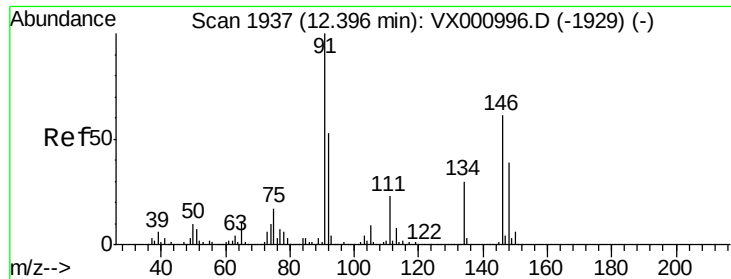
sam
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#88
 1,4-Dichlorobenzene
 Concen: 18.81 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.0	54.0
148	64.7	32.4	97.0





#89

n-Butylbenzene

Concen: 19.11 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

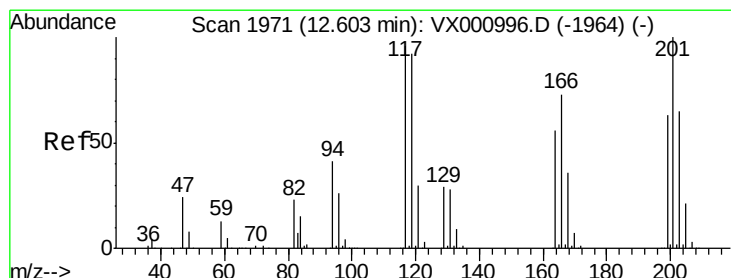
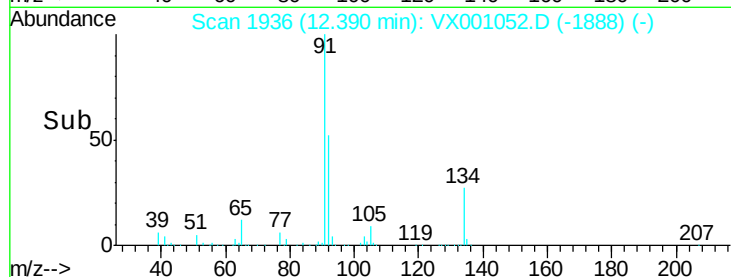
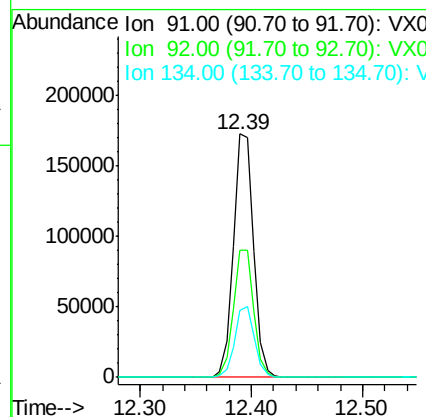
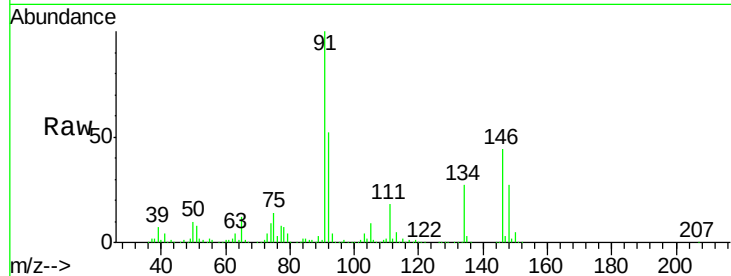
ClientSampleId :

VX0423WBS01

Tot Ion:	91	Resp:	214836
Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.3	78.9
134	28.2	14.4	43.0

Manual Integrations
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#90

Hexachloroethane

Concen: 19.37 ug/l

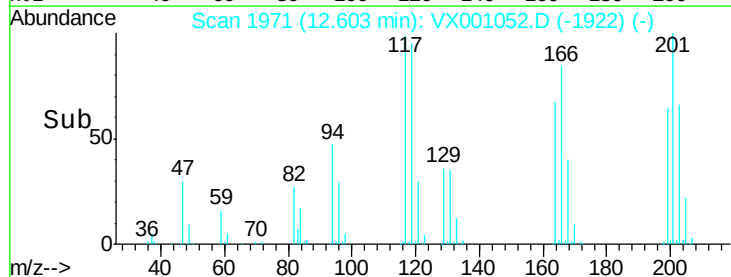
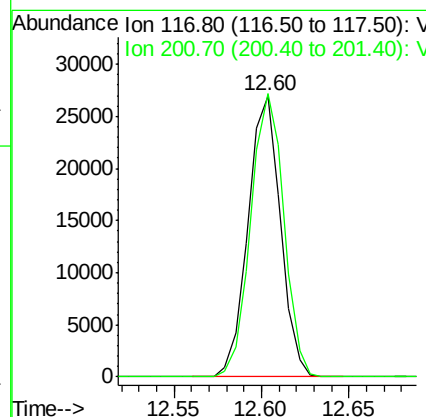
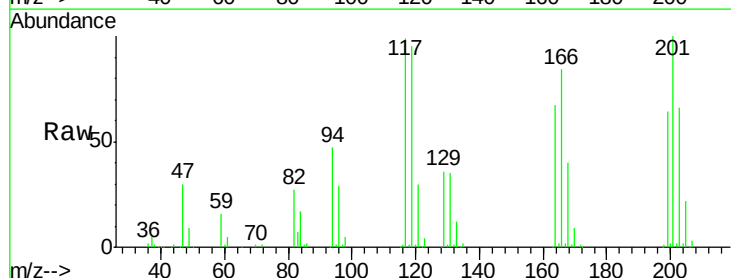
RT: 12.60 min Scan# 1971

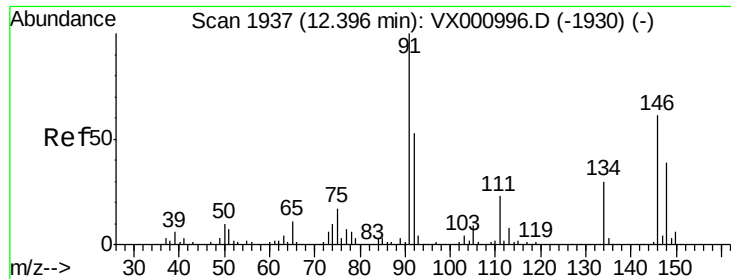
Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Tgt Ion:	117	Resp:	34683
Ion	Ratio	Lower	Upper
117	100		
201	102.9	52.3	157.1





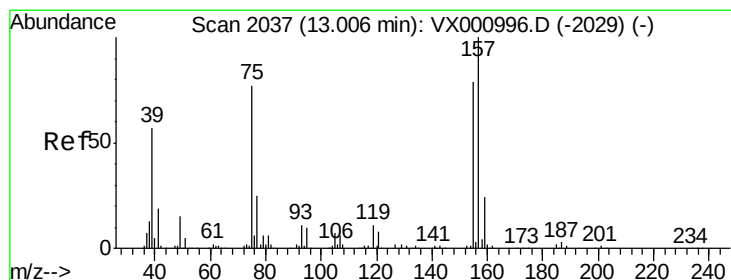
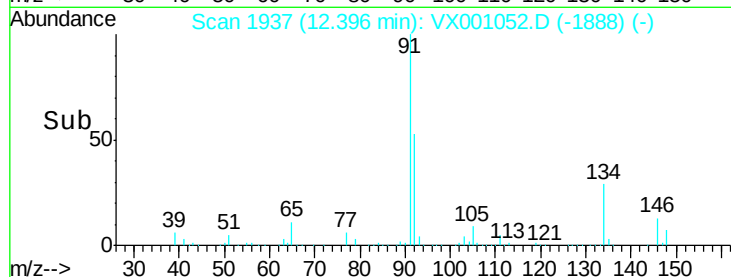
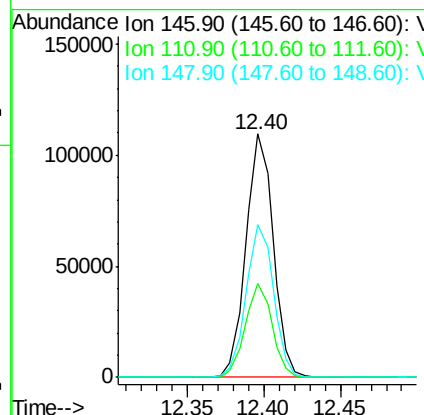
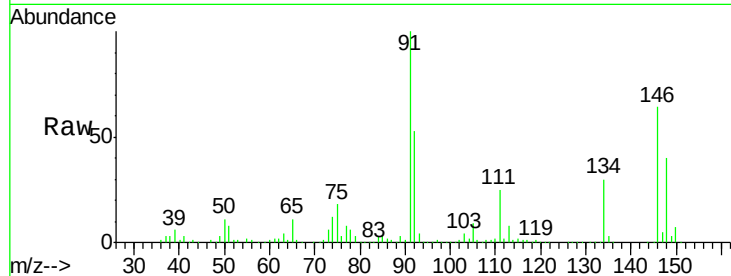
#91
 1,2-Dichlorobenzene
 Concen: 19.31 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	56.0
148	63.2	32.3	96.8

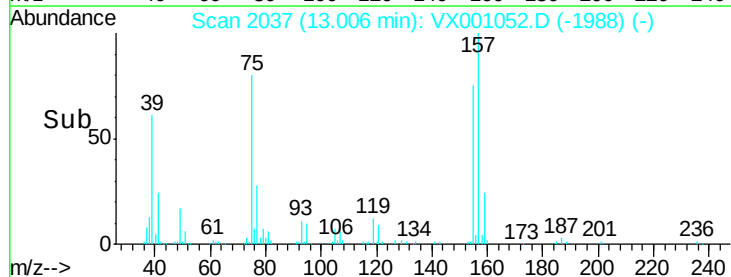
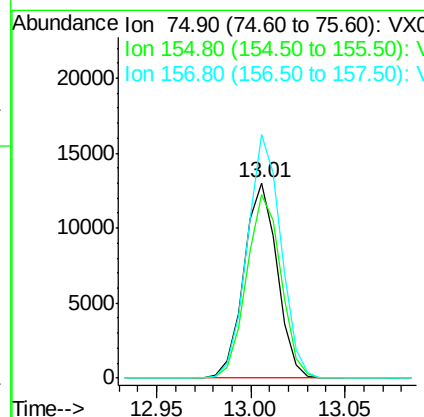
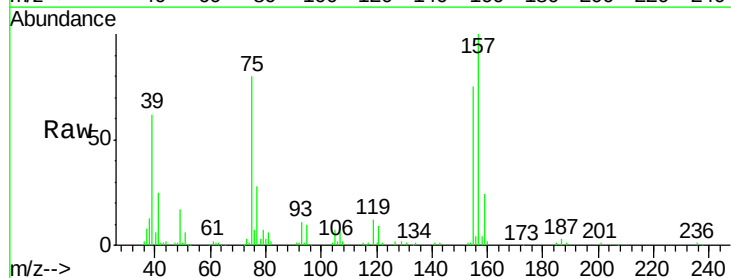
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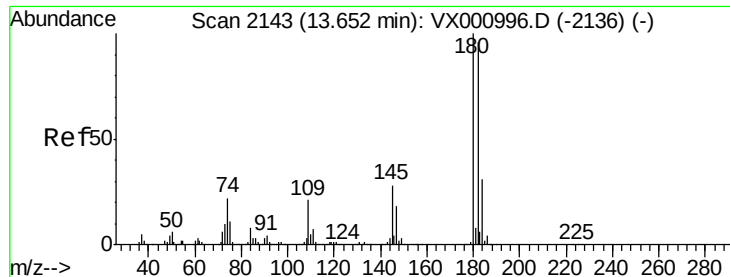
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.04 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.1	51.0	153.0
157	126.3	64.9	194.7





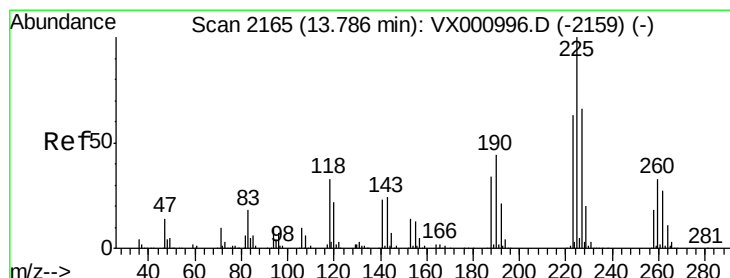
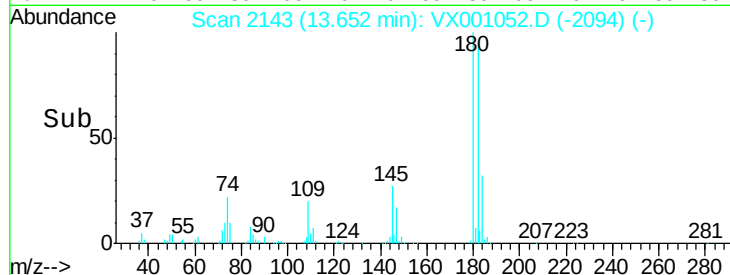
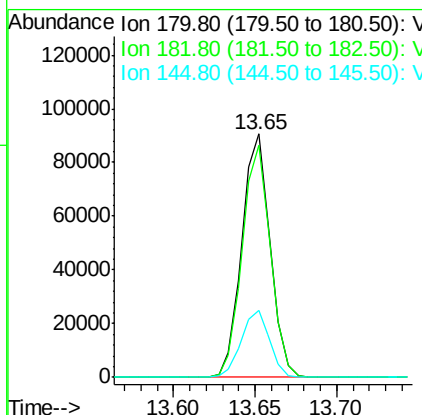
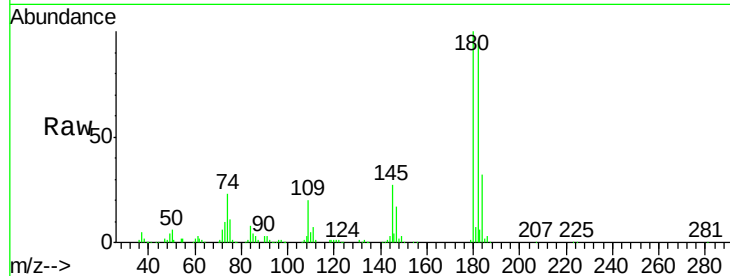
#93
 1,2,4-Trichlorobenzene
 Concen: 18.57 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	109736		
182	95.0	48.0	144.0	
145	27.5	13.9	41.7	

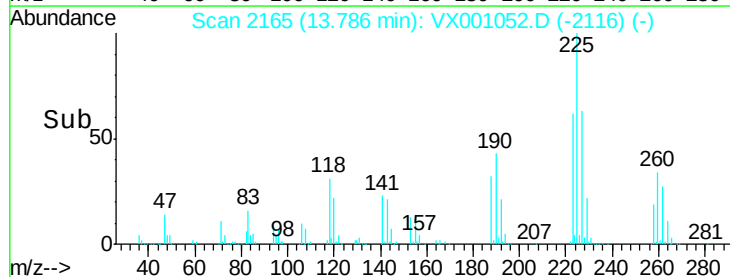
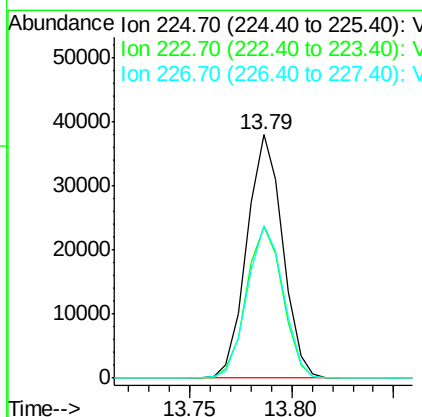
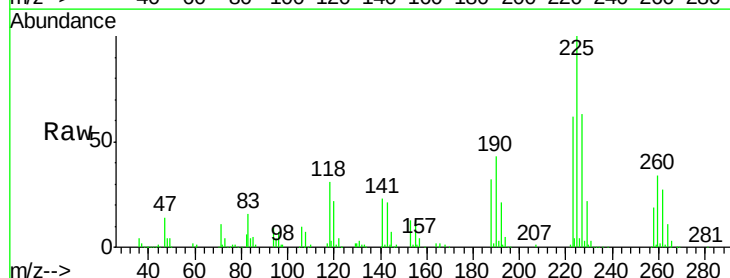
Manual Integrations
 APPROVED

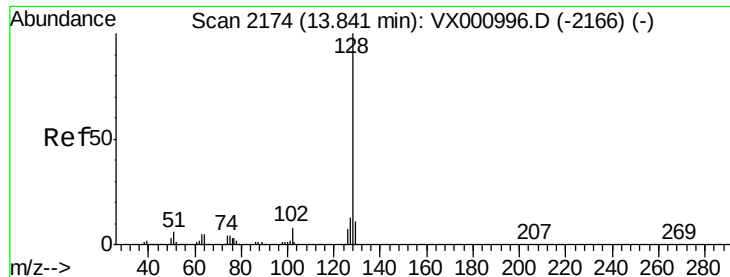
sam
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#94
 Hexachlorobutadiene
 Concen: 17.32 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	46299		
223	63.2	31.5	94.5	
227	63.6	32.6	97.8	





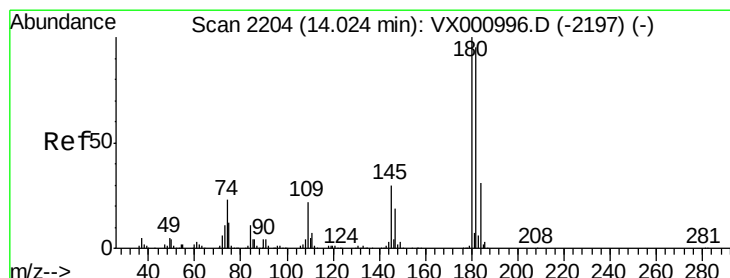
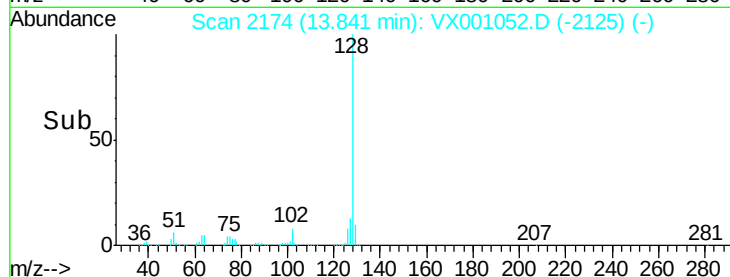
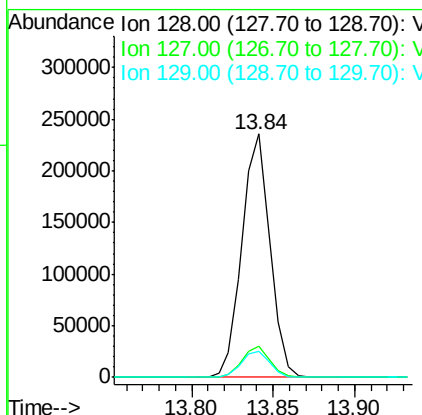
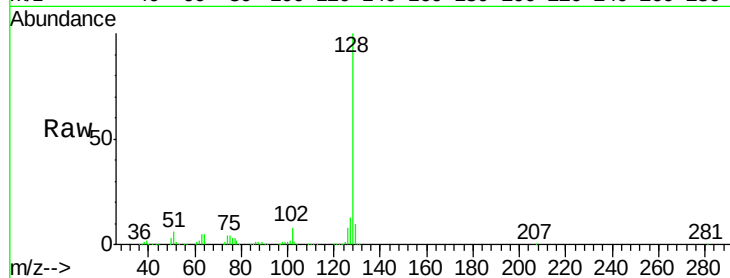
#95
Naphthalene
Concen: 19.52 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	283662		
127	12.8	10.2	15.4	
129	10.8	8.7	13.1	

Manual Integrations
APPROVED

sam
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#96
1,2,3-Trichlorobenzene
Concen: 18.86 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	107809		
182	95.3	47.9	143.7	
145	29.4	14.5	43.6	

