

Data File : VX001025.D
Acq On : 20 Apr 2018 23:04
Operator : JC/MD
Sample : VX0420WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS02

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:45 PM

Quant Time: Apr 21 05:52:22 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	5.68	168	226613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	317089	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	304699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209295	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	149202	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
35) Dibromofluoromethane	5.51	113	120952	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	8.72	98	441428	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
62) 4-Bromofluorobenzene	11.14	95	183139	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	63434	22.57	ug/l	97
3) Chloromethane	1.32	50	54082	20.67	ug/l	98
4) Vinyl Chloride	1.41	62	57139	21.07	ug/l	97
5) Bromomethane	1.65	94	39753	23.27	ug/l	99
6) Chloroethane	1.73	64	34398	21.34	ug/l	98
7) Trichlorofluoromethane	1.93	101	87262	21.41	ug/l	100
8) Diethyl Ether	2.19	74	31447	20.89	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48805	20.44	ug/l	100
10) Methyl Iodide	2.52	142	34833	20.14	ug/l	99
11) Tert butyl alcohol	3.07	59	45652	105.38	ug/l	99
12) 1,1-Dichloroethene	2.38	96	46924	21.25	ug/l	94
13) Acrolein	2.29	56	14828	115.99	ug/l	97
14) Allyl chloride	2.73	41	81877	20.49	ug/l	98
15) Acrylonitrile	3.15	53	120451	102.73	ug/l	100
16) Acetone	2.45	43	107105	99.02	ug/l	99
17) Carbon Disulfide	2.57	76	120241	19.11	ug/l	99
18) Methyl Acetate	2.78	43	75398	23.04	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	157952	21.28	ug/l	100
20) Methylene Chloride	2.86	84	51394	21.67	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	50547	20.56	ug/l	99
22) Diisopropyl ether	3.88	45	163535	21.14	ug/l	99
23) Vinyl Acetate	3.83	43	654407	102.19	ug/l	99
24) 1,1-Dichloroethane	3.70	63	91178	21.02	ug/l	99
25) 2-Butanone	4.71	43	170767	101.13	ug/l	98
26) 2,2-Dichloropropane	4.59	77	66619	17.85	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	57052	20.84	ug/l	99
28) Bromochloromethane	5.03	49	32536	19.50	ug/l	96
29) Tetrahydrofuran	5.17	42	110358	103.42	ug/l	99
30) Chloroform	5.22	83	95304	21.21	ug/l	98
31) Cyclohexane	5.58	56	81002	20.00	ug/l	94
32) 1,1,1-Trichloroethane	5.51	97	84427	20.96	ug/l	99
36) 1,1-Dichloropropene	5.81	75	72353	19.42	ug/l	100
37) Ethyl Acetate	4.87	43	66135	19.35	ug/l	99
38) Carbon Tetrachloride	5.79	117	73040	19.36	ug/l	99

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Instrument :

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ClientSampleId :

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Manual Integrations

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Quant Time: Apr 21 05:52:22 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)
39) Methylcyclohexane	7.47	83	83281	19.20	ug/l	100
40) Benzene	6.15	78	208405	20.12	ug/l	99
41) Methacrylonitrile	5.07	41	41261	19.33	ug/l	98
42) 1,2-Dichloroethane	6.21	62	79725	20.05	ug/l	100
43) Isopropyl Acetate	6.47	43	114114	19.46	ug/l	99
44) Trichloroethene	7.22	130	62938	19.89	ug/l	99
45) 1,2-Dichloropropane	7.52	63	53104	20.39	ug/l	100
46) Dibromomethane	7.67	93	35740	19.64	ug/l	98
47) Bromodichloromethane	7.90	83	67169	19.92	ug/l	99
48) Methyl methacrylate	7.79	41	62026	19.64	ug/l	99
49) 1,4-Dioxane	7.76	88	18398	396.23	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	361800	101.61	ug/l	98
52) Toluene	8.79	92	135834	20.09	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	79062	19.61	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	74346	19.55	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	53837	20.03	ug/l	99
56) Ethyl methacrylate	9.19	69	79147	20.05	ug/l	99
57) 1,3-Dichloropropane	9.38	76	88853	19.96	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	195709	101.59	ug/l	100
59) 2-Hexanone	9.51	43	265154	97.29	ug/l	98
60) Dibromochloromethane	9.59	129	55883	19.80	ug/l	100
61) 1,2-Dibromoethane	9.68	107	57558	20.29	ug/l	100
64) Tetrachloroethene	9.34	164	66758	20.63	ug/l	99
65) Chlorobenzene	10.15	112	159754	19.69	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	56231	20.19	ug/l	99
67) Ethyl Benzene	10.26	91	264728	19.65	ug/l	99
68) m/p-Xylenes	10.37	106	211105	39.75	ug/l	100
69) o-Xylene	10.71	106	101689	19.86	ug/l	100
70) Styrene	10.72	104	167143	19.82	ug/l	99
71) Bromoform	10.87	173	43349	18.53	ug/l #	99
73) Isopropylbenzene	11.02	105	271420	19.84	ug/l	98
74) N-amyl acetate	6.47	43	114114	19.50	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	77706	20.06	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	72553m	19.98	ug/l	
77) Bromobenzene	11.26	156	78873	19.86	ug/l	98
78) n-propylbenzene	11.37	91	310461	19.76	ug/l	100
79) 2-Chlorotoluene	11.43	91	184040	19.83	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	231705	19.98	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	17175	16.82	ug/l	92
82) 4-Chlorotoluene	11.52	91	222408	19.83	ug/l	99
83) tert-Butylbenzene	11.77	119	229929	19.65	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	240132	20.12	ug/l	98
85) sec-Butylbenzene	11.95	105	276754	19.82	ug/l	100
86) p-Isopropyltoluene	12.07	119	254919	19.73	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	145686	19.59	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	149850	19.63	ug/l	99
89) n-Butylbenzene	12.40	91	221067	19.23	ug/l	99
90) Hexachloroethane	12.60	117	34868	19.05	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	142199	19.75	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16153	19.91	ug/l	94

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042018\
Quantitation Report (QT Reviewed)

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Instrument :
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Quant Time: Apr 21 05:52:22 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)
93) 1,2,4-Trichlorobenzene	13.65	180	115440	19.10	ug/l	99
94) Hexachlorobutadiene	13.79	225	50789	18.58	ug/l	99
95) Naphthalene	13.84	128	296362	19.94	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	112210	19.20	ug/l	99

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

Data File : VX001025.D

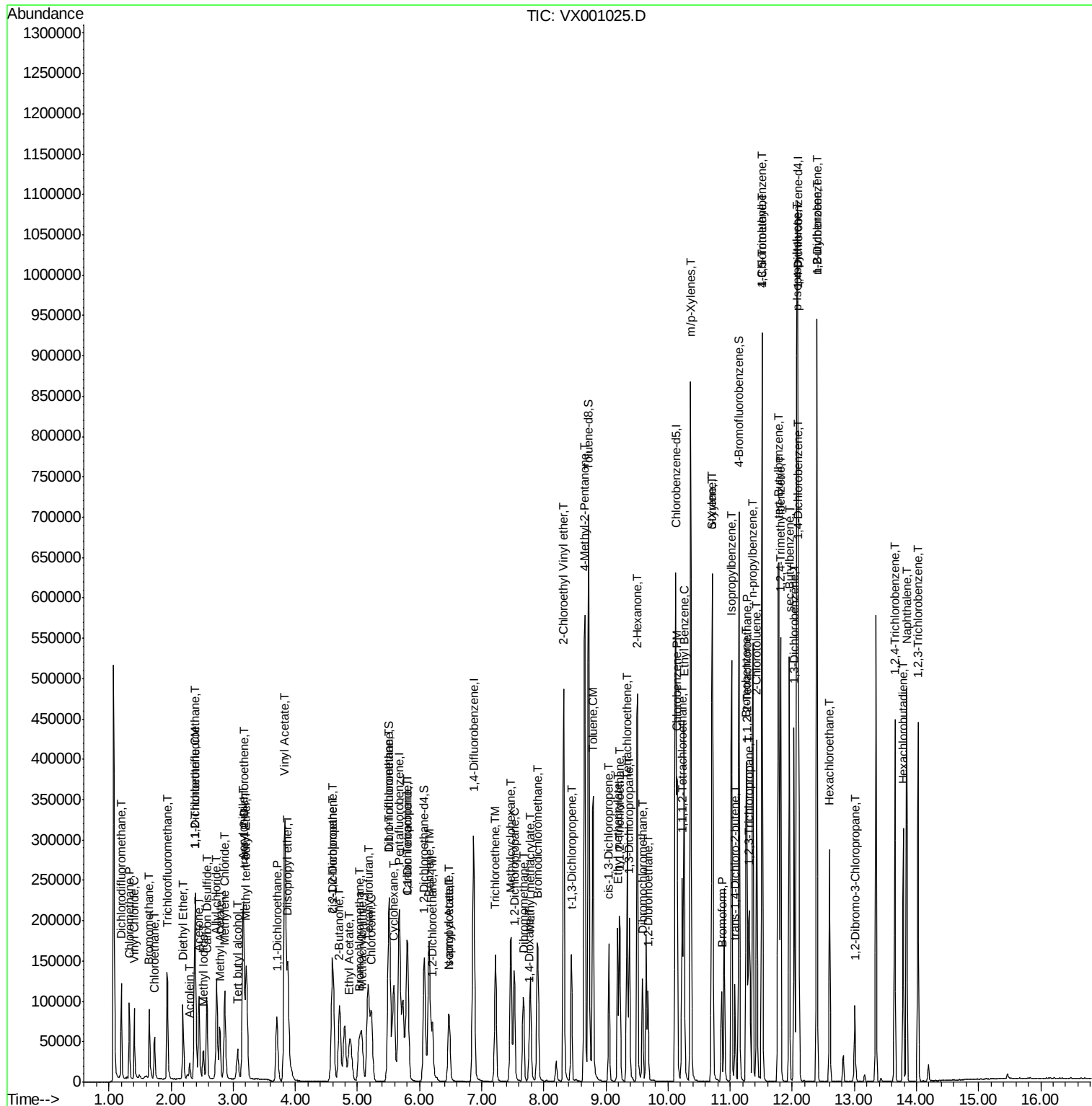
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Acq On       : 20 Apr 2018   23:04
Operator    : JC/MD
Sample      : VX0420WBS02
Misc       : 5.0mL/MSVOA_X/WATER
ALS Vial    : 29   Sample Multiplier: 1
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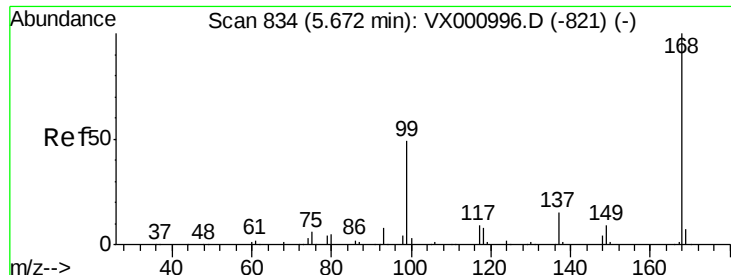
Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS02

Manual Integrations APPROVED

MMDadoda
4/23/2018 1:27:45 PM

Quant Time: Apr 21 05:52:22 2018
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Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS02

Tgt Ion:168 Resp: 226613

Ion Ratio Lower Upper

168 100

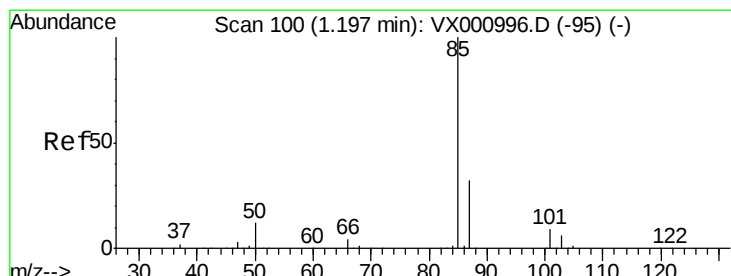
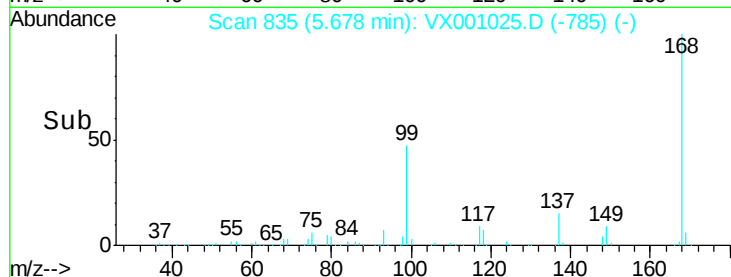
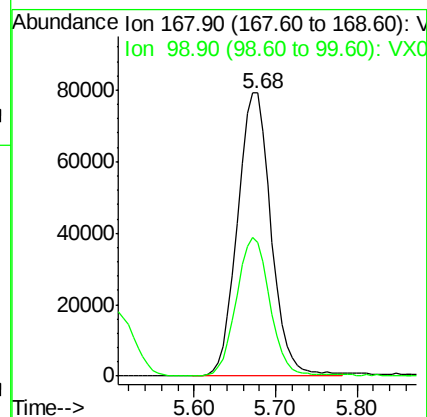
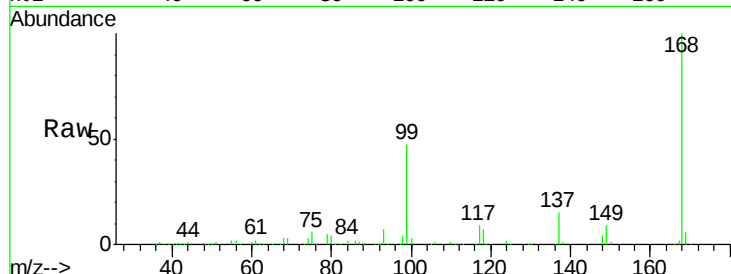
99 46.9 39.2 58.8

Manual Integrations

APPROVED

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4/23/2018 1:27:45 PM



#2

Dichlorodifluoromethane

Concen: 22.57 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001025.D

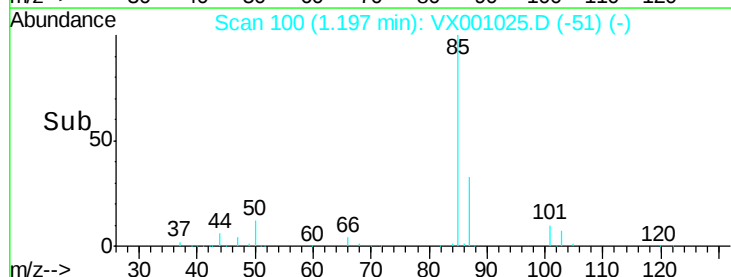
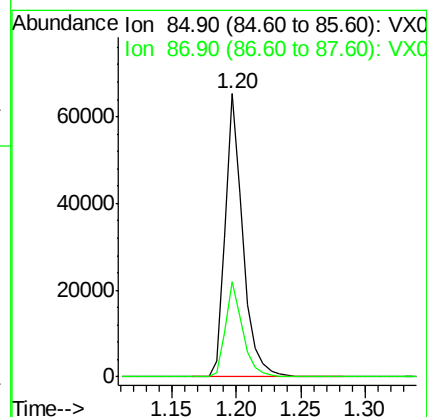
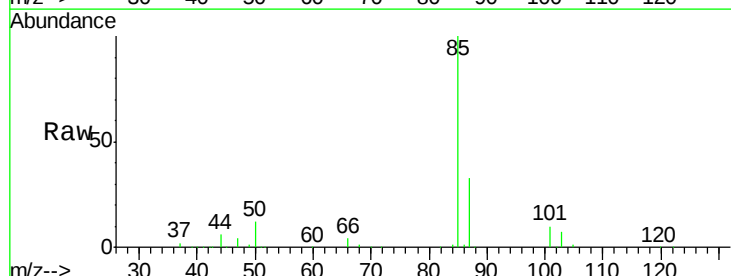
Acq: 20 Apr 2018 23:04

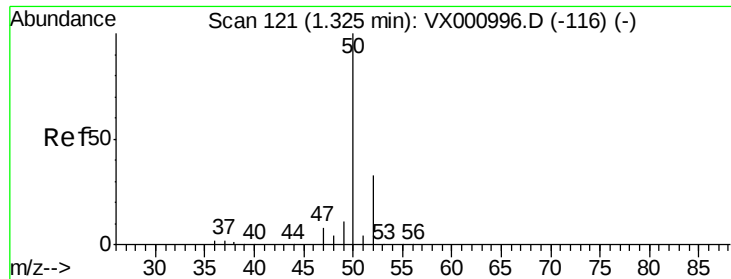
Tgt Ion: 85 Resp: 63434

Ion Ratio Lower Upper

85 100

87 33.4 15.8 47.4





#3

Chloromethane

Concen: 20.67 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS02

Tgt Ion: 50 Resp: 54082

Ion Ratio Lower Upper

50 100

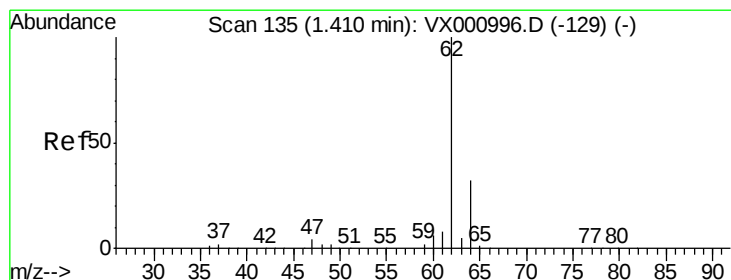
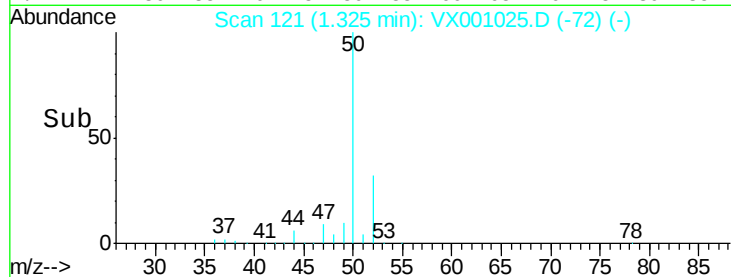
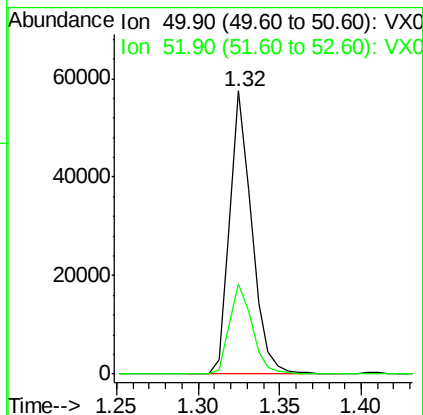
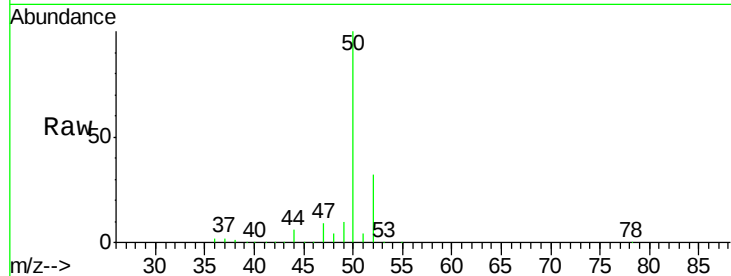
52 31.8 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.07 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX001025.D

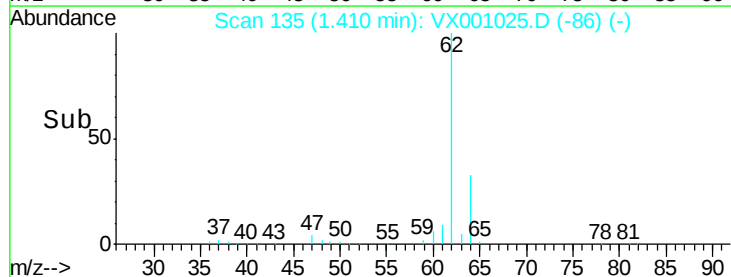
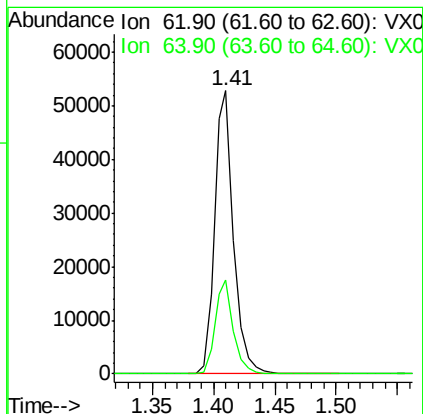
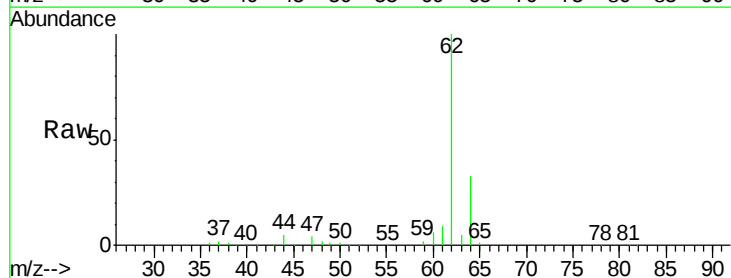
Acq: 20 Apr 2018 23:04

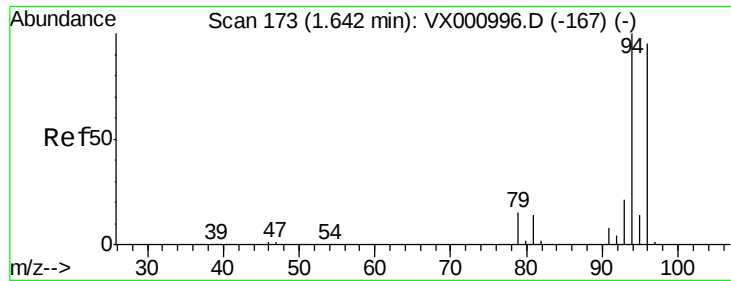
Tgt Ion: 62 Resp: 57139

Ion Ratio Lower Upper

62 100

64 33.4 25.6 38.4





#5

Bromomethane

Concen: 23.27 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS02

Tgt Ion: 94 Resp: 39753

Ion Ratio Lower Upper

94 100

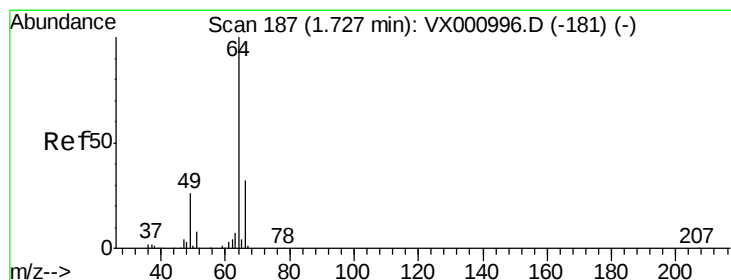
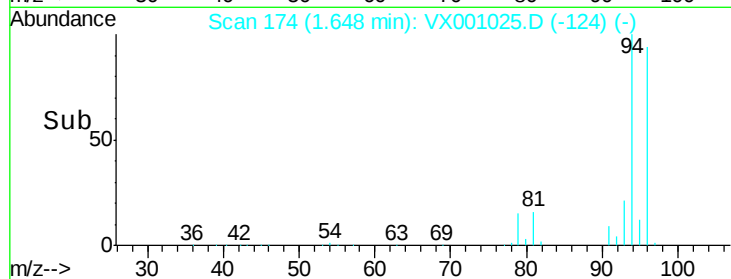
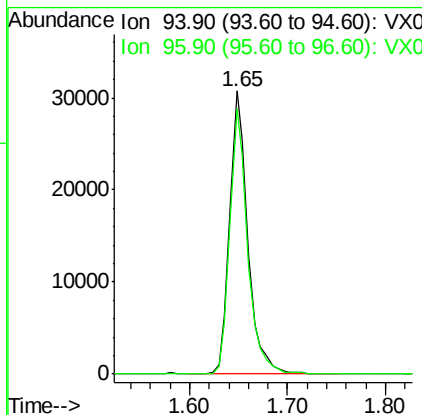
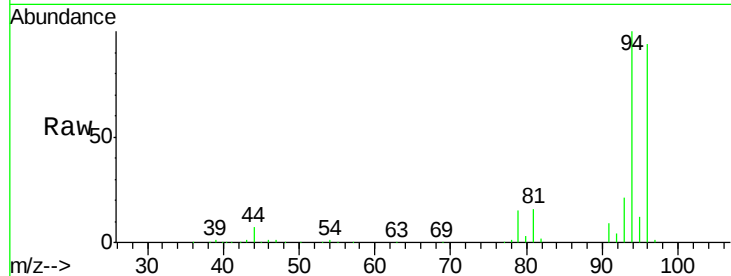
96 93.9 76.0 114.0

Manual Integrations

APPROVED

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4/23/2018 1:27:45 PM



#6

Chloroethane

Concen: 21.34 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX001025.D

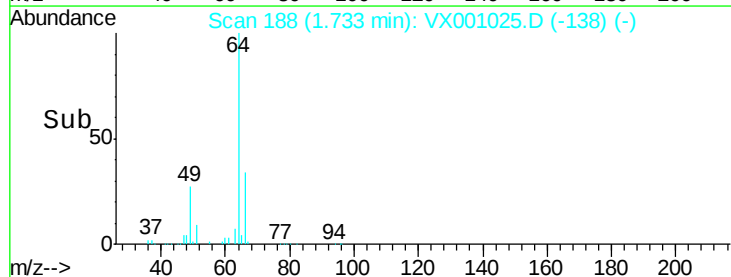
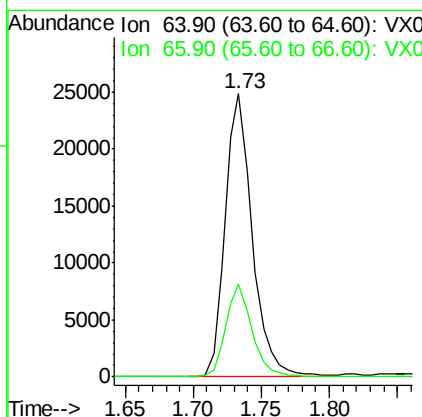
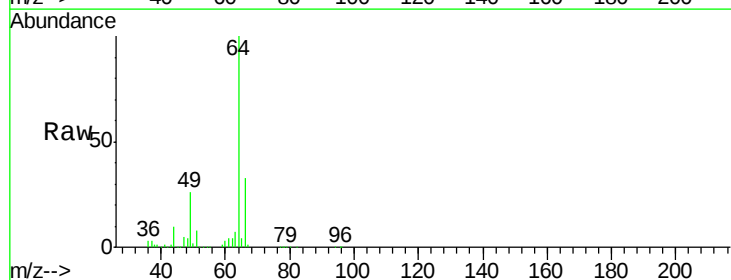
Acq: 20 Apr 2018 23:04

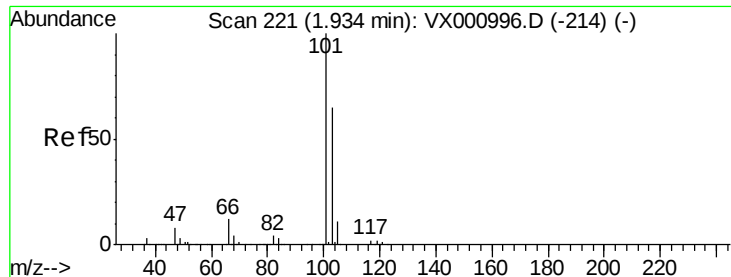
Tgt Ion: 64 Resp: 34398

Ion Ratio Lower Upper

64 100

66 32.6 25.3 37.9





#7

Trichlorofluoromethane

Concen: 21.41 ug/l

RT: 1.93 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS02

Tgt Ion: 101 Resp: 87262

Ion Ratio Lower Upper

101 100

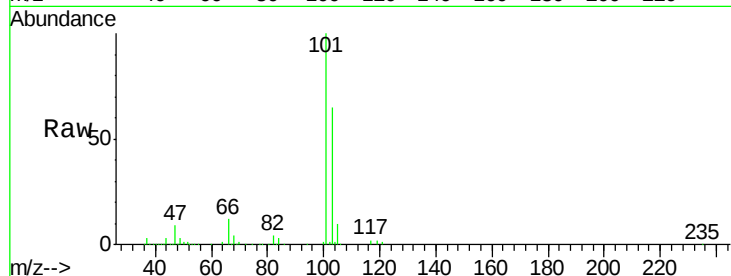
103 64.9 51.8 77.8

Manual Integrations

APPROVED

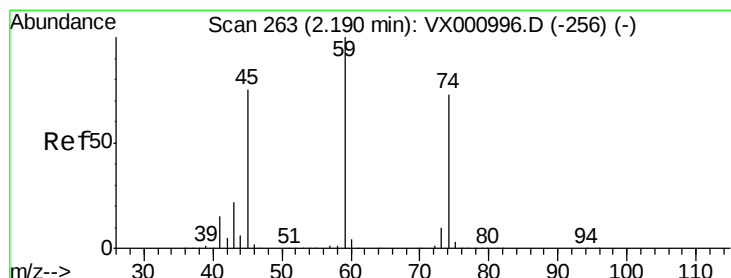
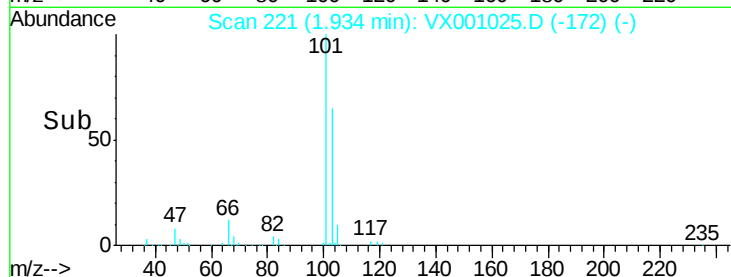
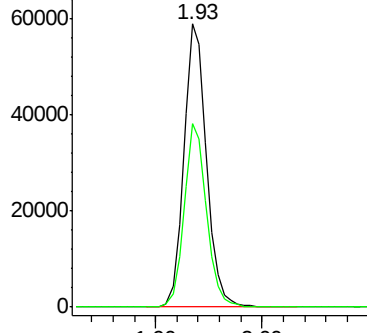
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 20.89 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001025.D

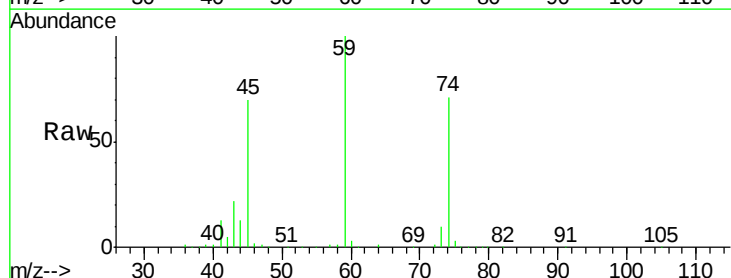
Acq: 20 Apr 2018 23:04

Tgt Ion: 74 Resp: 31447

Ion Ratio Lower Upper

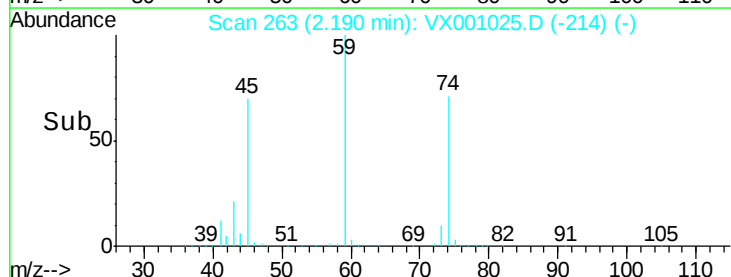
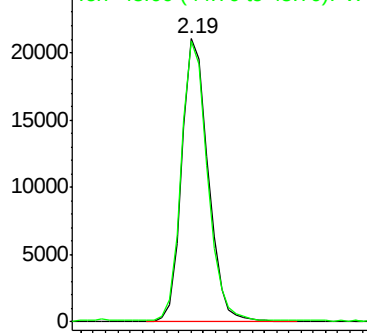
74 100

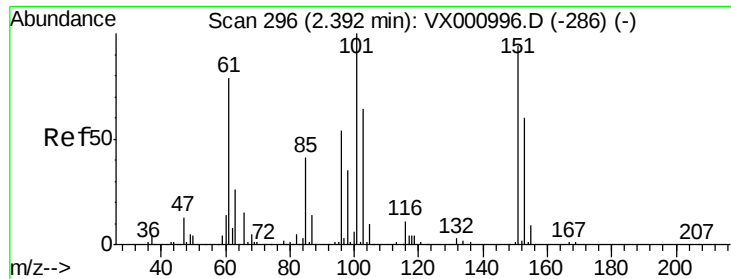
45 98.3 49.0 147.0



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.44 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Instrument :

MSVOA_X

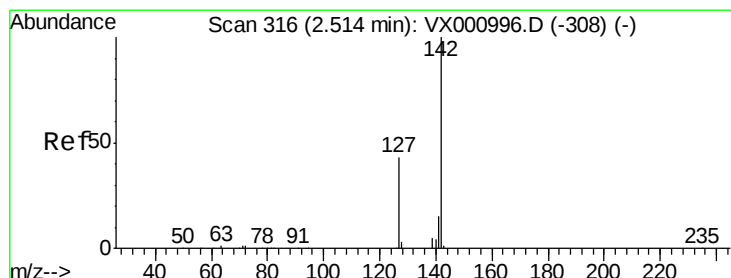
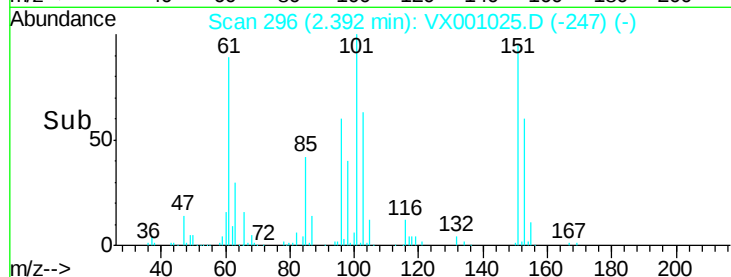
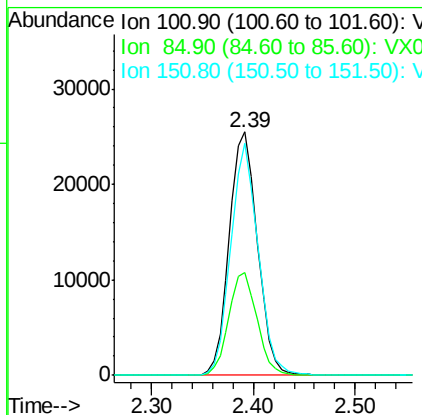
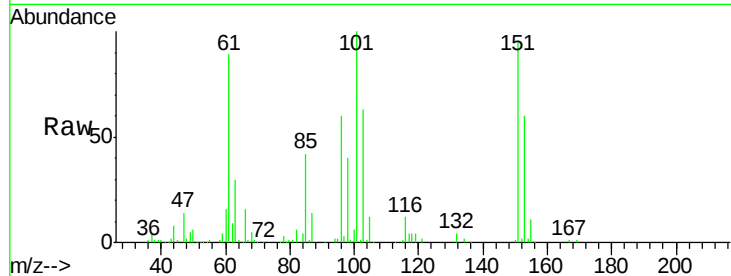
ClientSampleId :

VX0420WBS02

Tgt Ion:	101	Resp:	48805
Ion Ratio	Lower	Upper	
101	100		
85	42.3	33.9	50.9
151	92.3	73.5	110.3

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#10

Methyl Iodide

Concen: 20.14 ug/l

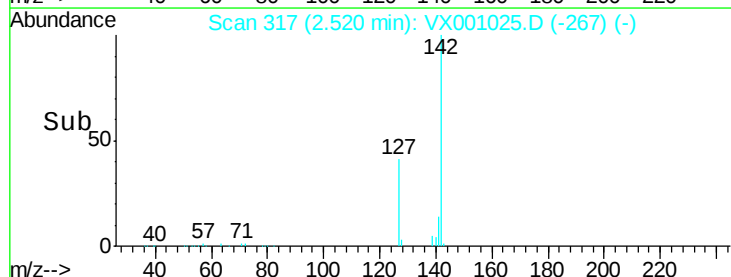
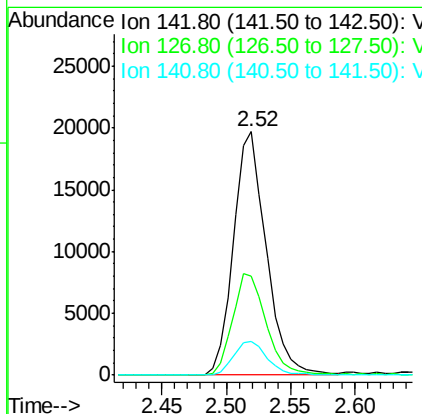
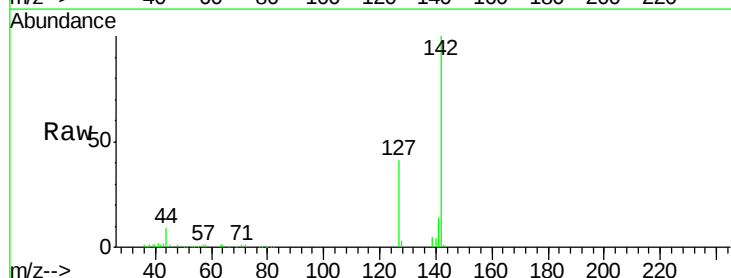
RT: 2.52 min Scan# 317

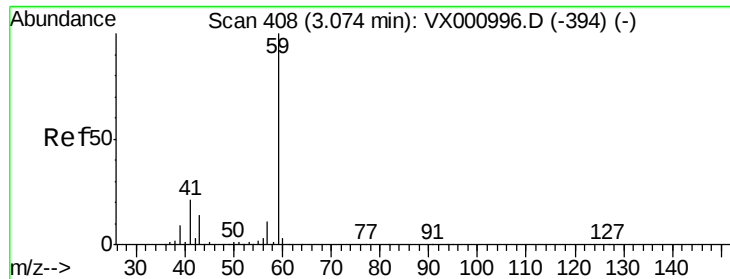
Delta R.T. 0.01 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Tgt Ion:	142	Resp:	34833
Ion Ratio	Lower	Upper	
142	100		
127	43.0	34.0	51.0
141	14.2	11.4	17.2





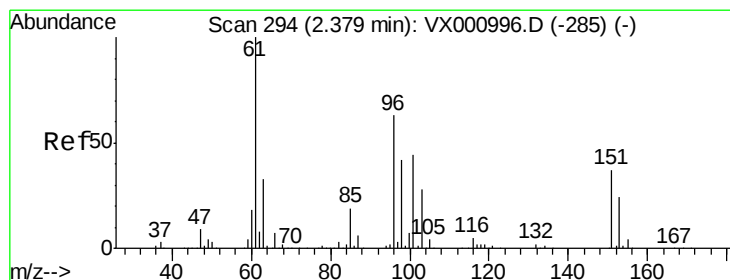
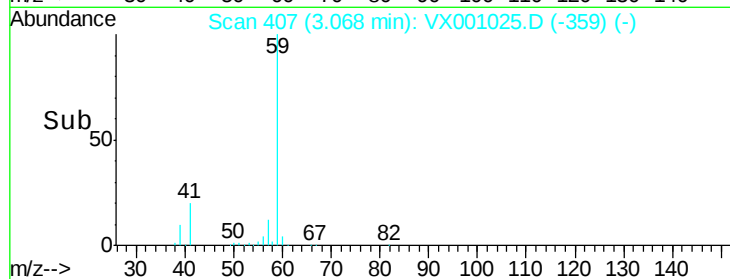
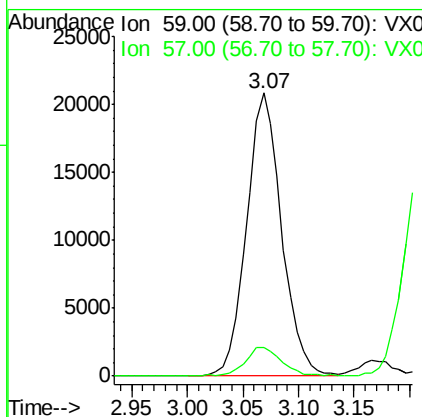
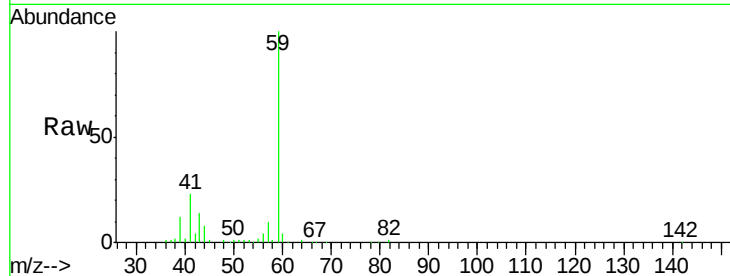
#11
Tert butyl alcohol
Concen: 105.38 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX001025.D
Acq: 20 Apr 2018 23:04

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS02

Tgt Ion: 59 Resp: 45652
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5

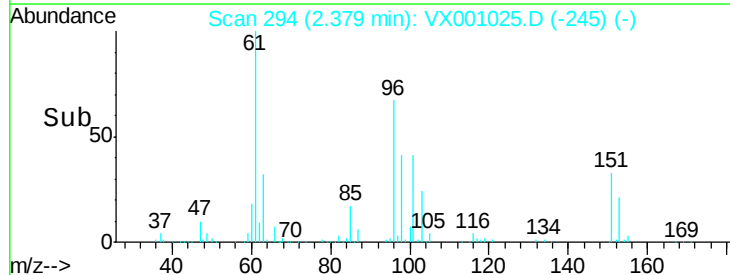
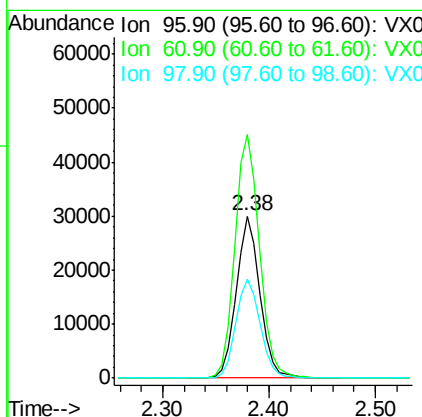
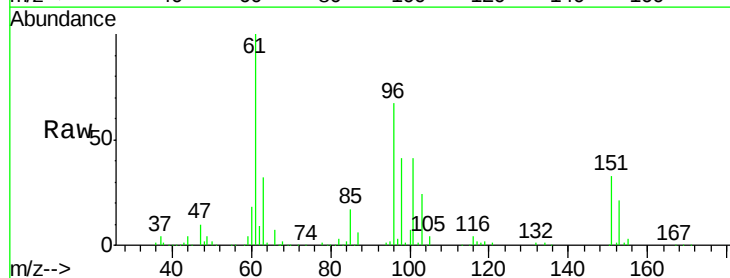
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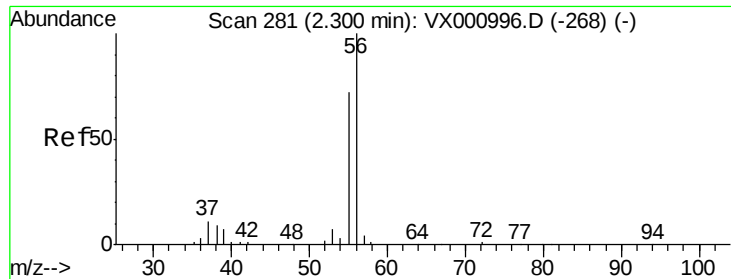
MMDadoda
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#12
1,1-Dichloroethene
Concen: 21.25 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX001025.D
Acq: 20 Apr 2018 23:04

Tgt Ion: 96 Resp: 46924
Ion Ratio Lower Upper
96 100
61 150.3 126.4 189.6
98 61.4 52.6 78.8





#13

Acrolein

Concen: 115.99 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS02

Tgt Ion: 56 Resp: 14828

Ion Ratio Lower Upper

56 100

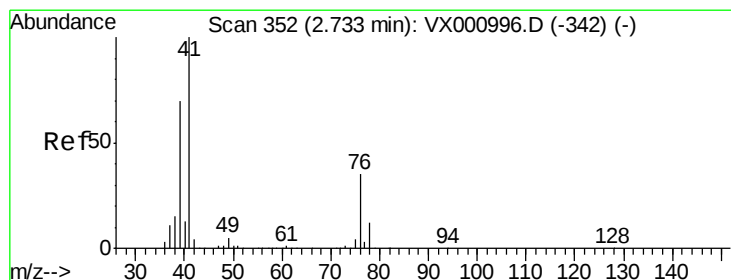
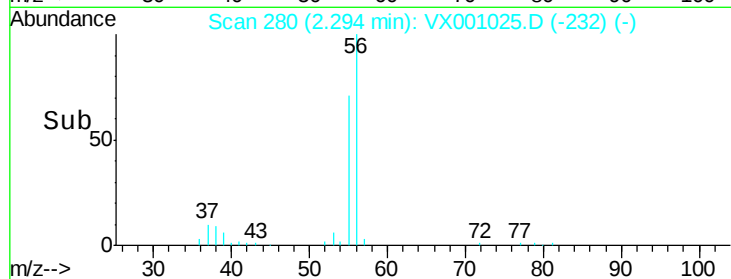
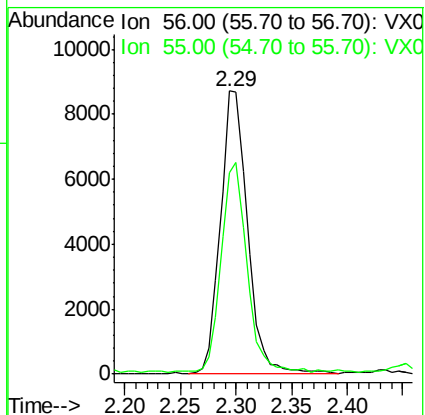
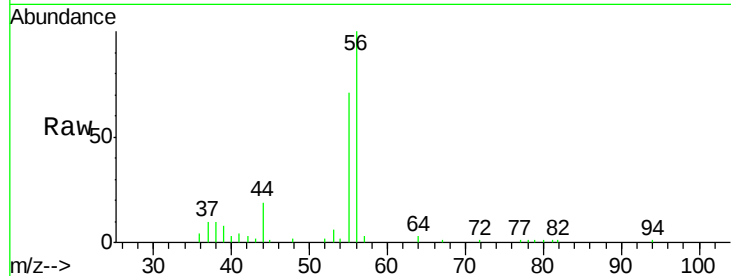
55 69.2 57.4 86.2

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#14

Allyl chloride

Concen: 20.49 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

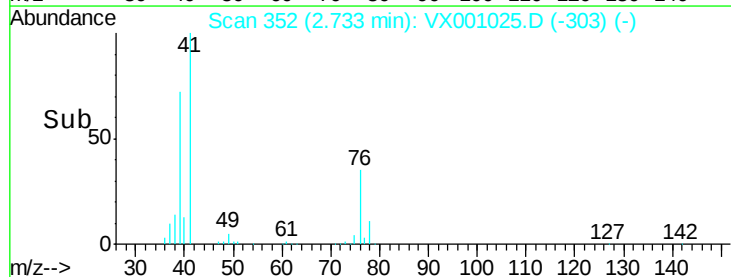
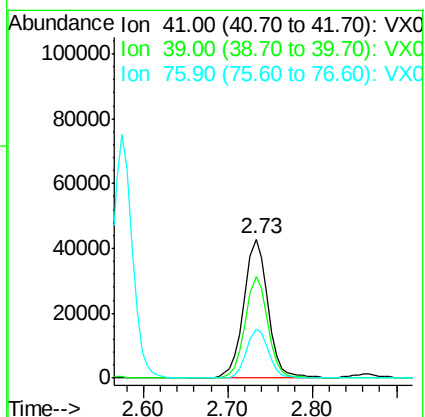
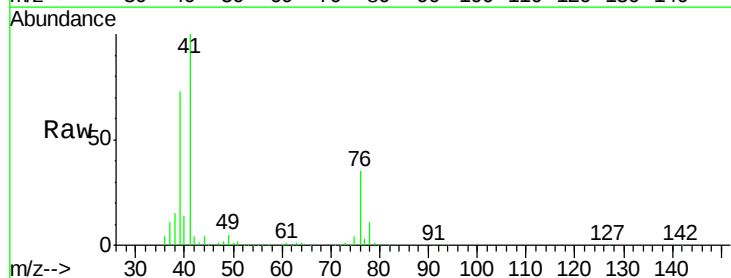
Tgt Ion: 41 Resp: 81877

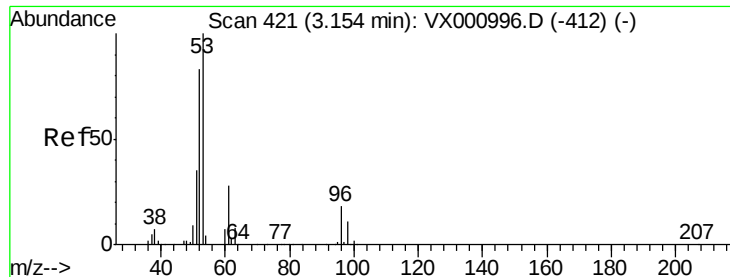
Ion Ratio Lower Upper

41 100

39 68.6 53.0 79.6

76 32.7 25.9 38.9





#15

Acrylonitrile

Concen: 102.73 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Instrument :

MSVOA_X

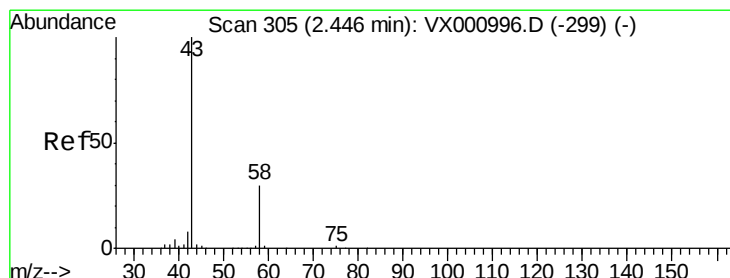
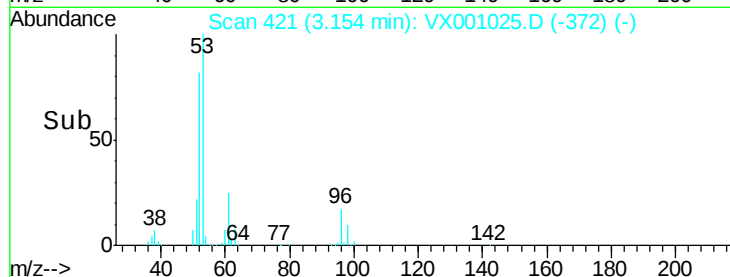
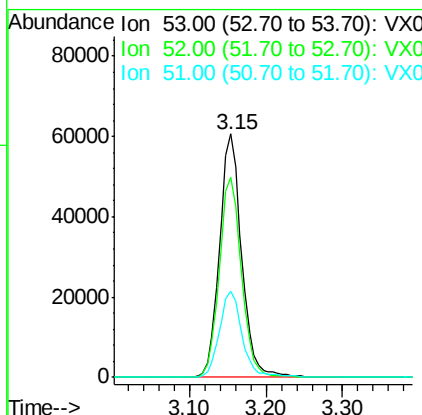
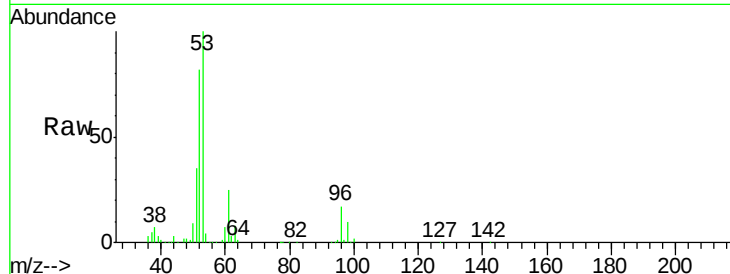
ClientSampleId :

VX0420WBS02

Tgt Ion:	53	Resp:	120451
Ion Ratio		Lower	Upper
53	100		
52	82.9	66.4	99.6
51	36.6	29.0	43.6

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#16

Acetone

Concen: 99.02 ug/l

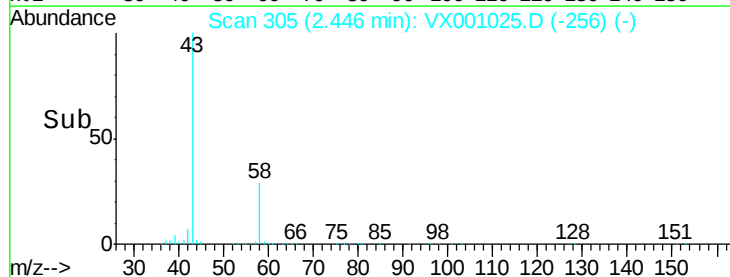
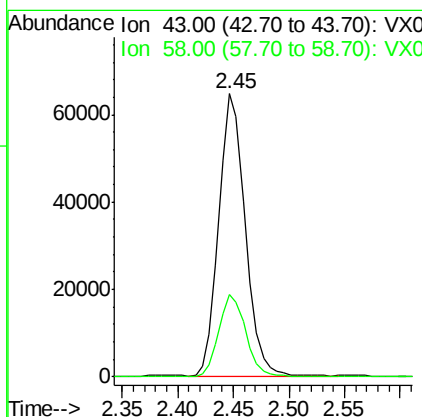
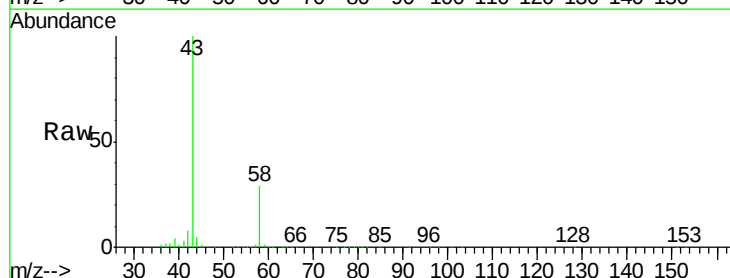
RT: 2.45 min Scan# 305

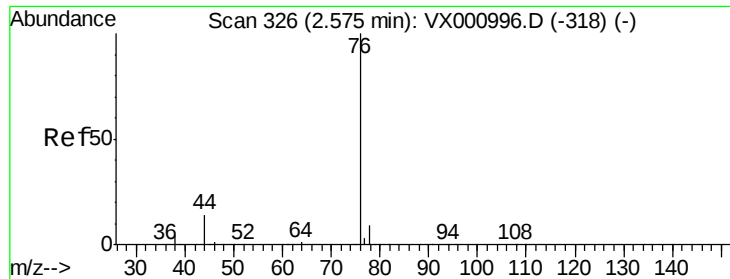
Delta R.T. 0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Tgt Ion:	43	Resp:	107105
Ion Ratio		Lower	Upper
43	100		
58	29.1	23.7	35.5





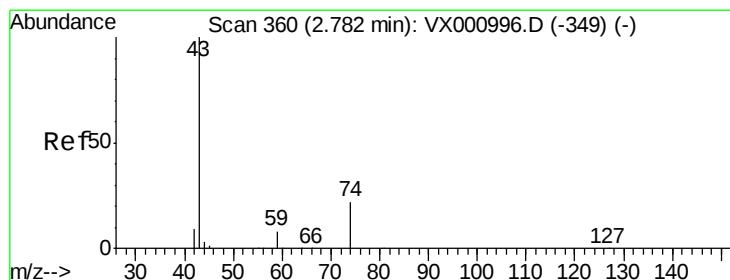
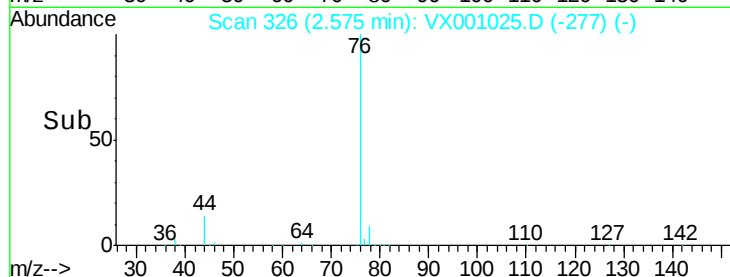
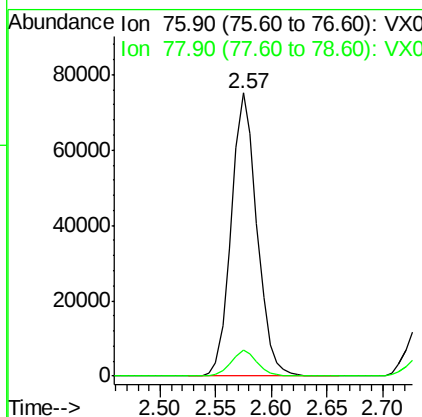
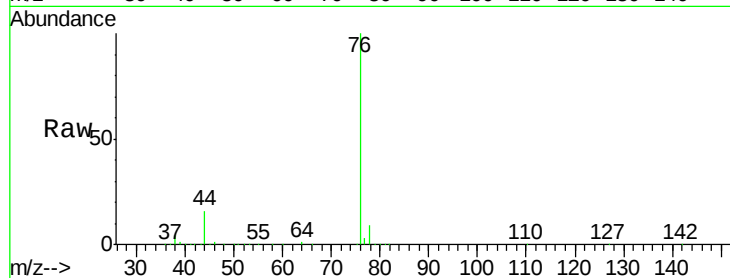
#17
Carbon Disulfide
Concen: 19.11 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX001025.D
Acq: 20 Apr 2018 23:04

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS02

Tgt Ion: 76 Resp: 120241
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

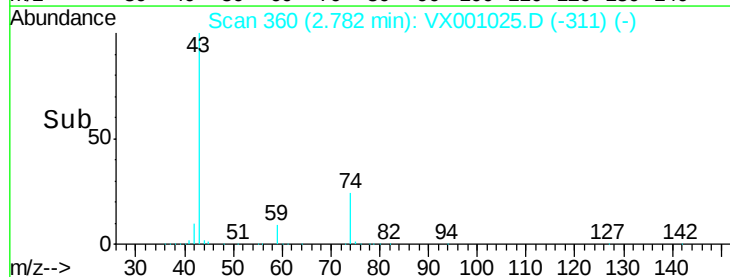
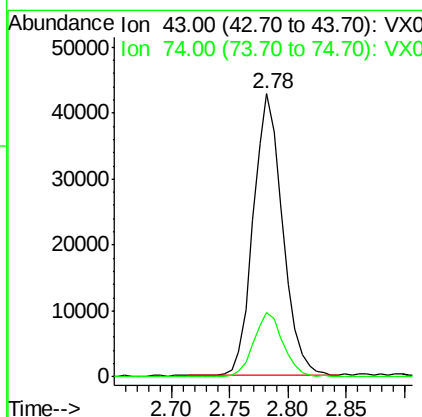
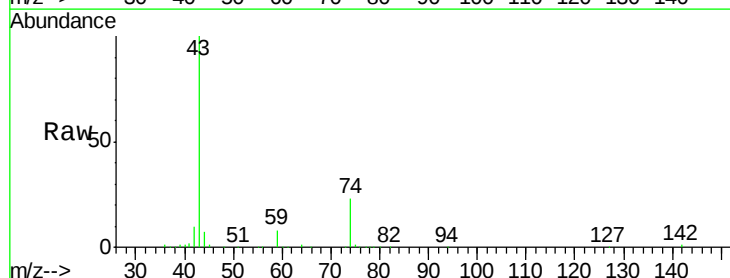
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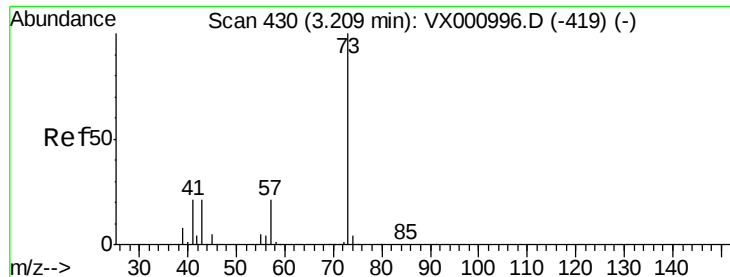
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#18
Methyl Acetate
Concen: 23.04 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001025.D
Acq: 20 Apr 2018 23:04

Tgt Ion: 43 Resp: 75398
Ion Ratio Lower Upper
43 100
74 23.2 18.3 27.5





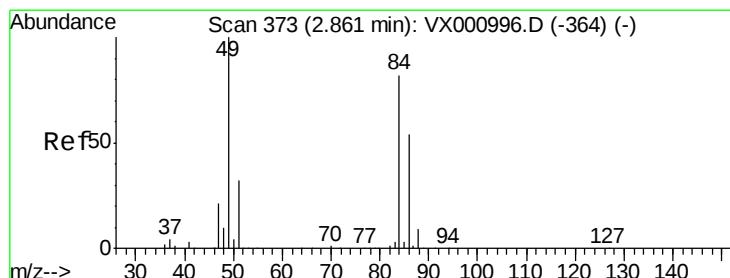
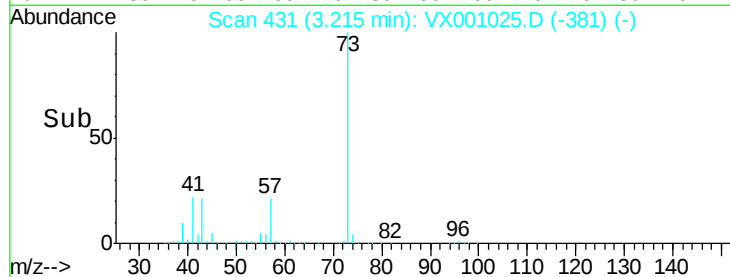
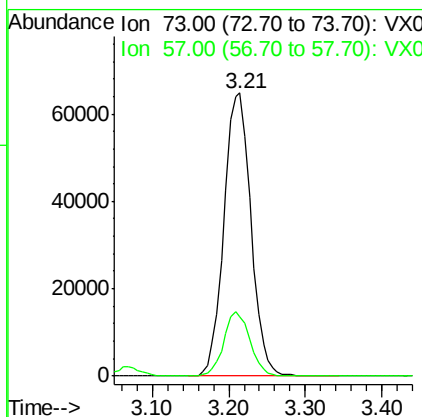
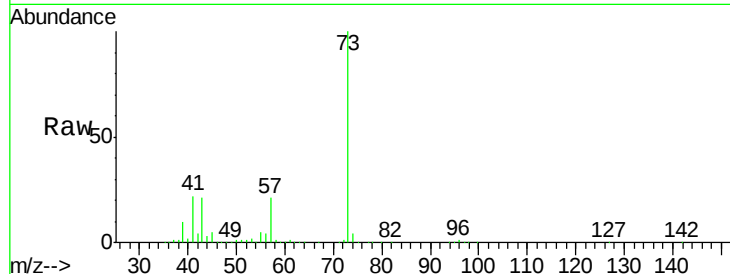
#19
Methyl tert-butyl Ether
Concen: 21.28 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001025.D
Acq: 20 Apr 2018 23:04

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS02

Tgt Ion: 73 Resp: 157952
Ion Ratio Lower Upper
73 100
57 21.2 17.1 25.7

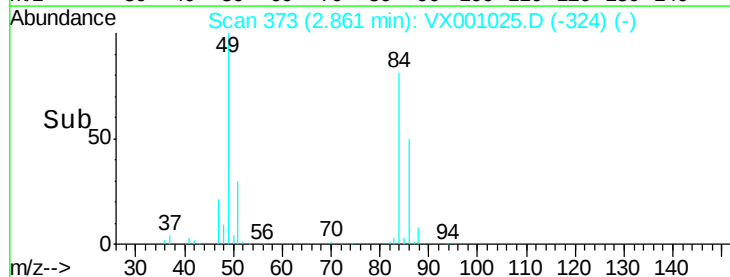
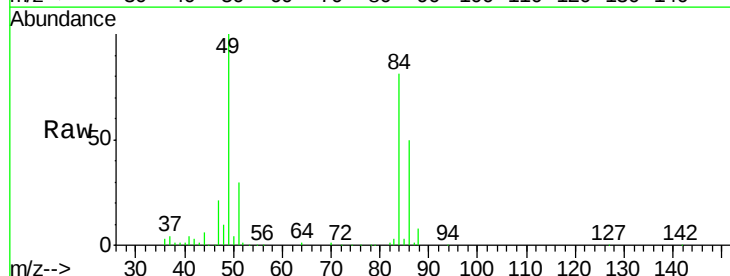
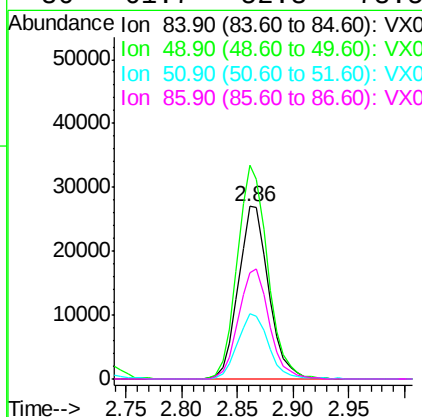
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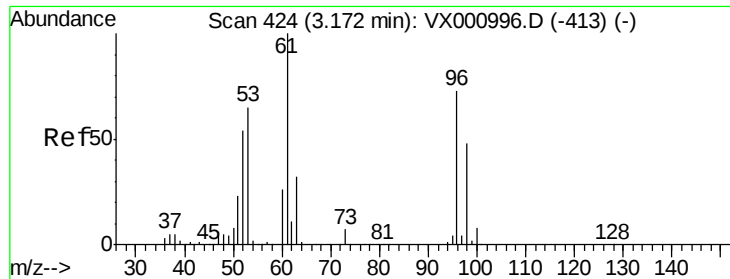
MMDadoda
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#20
Methylene Chloride
Concen: 21.67 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001025.D
Acq: 20 Apr 2018 23:04

Tgt Ion: 84 Resp: 51394
Ion Ratio Lower Upper
84 100
49 123.8 97.1 145.7
51 37.3 30.8 46.2
86 61.7 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 20.56 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Instrument :

MSVOA_X

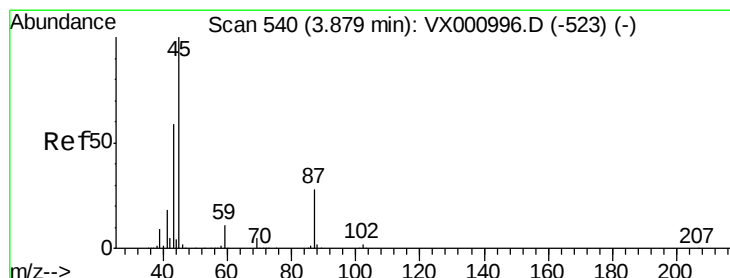
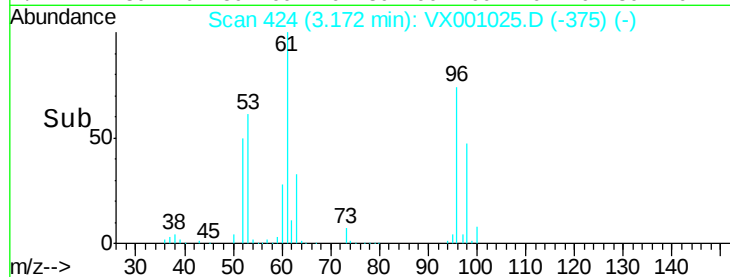
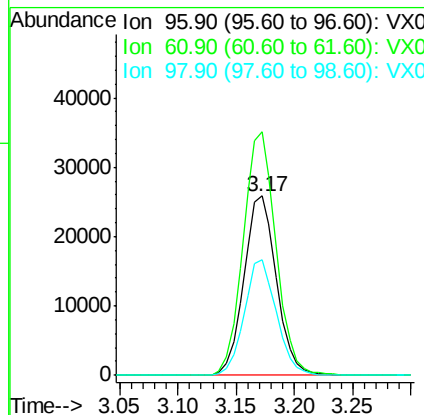
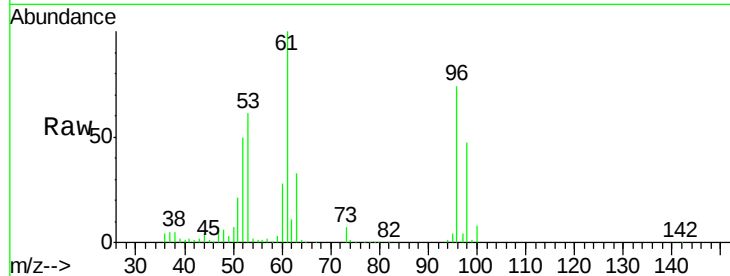
ClientSampleId :

VX0420WBS02

Tgt Ion:	96	Resp:	50547
Ion	Ratio	Lower	Upper
96	100		
61	135.8	109.4	164.2
98	64.4	52.6	78.8

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#22

Diisopropyl ether

Concen: 21.14 ug/l

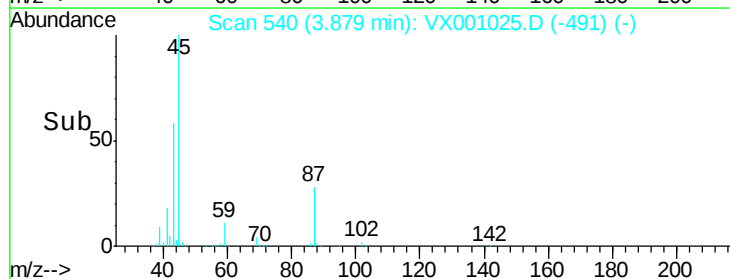
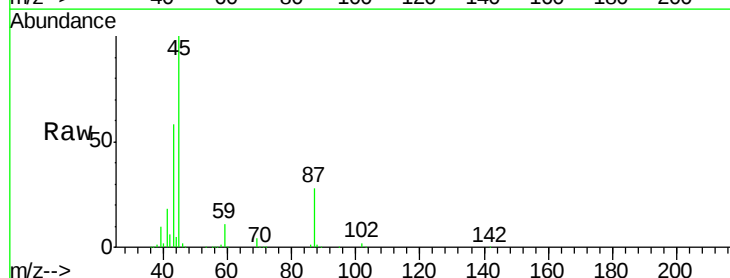
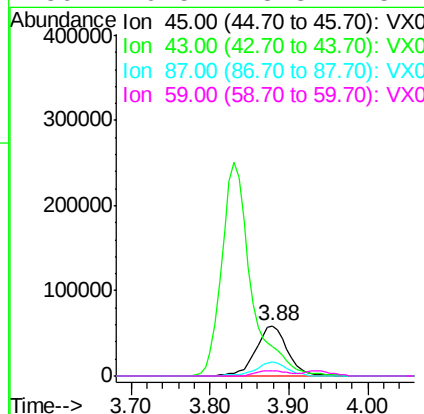
RT: 3.88 min Scan# 540

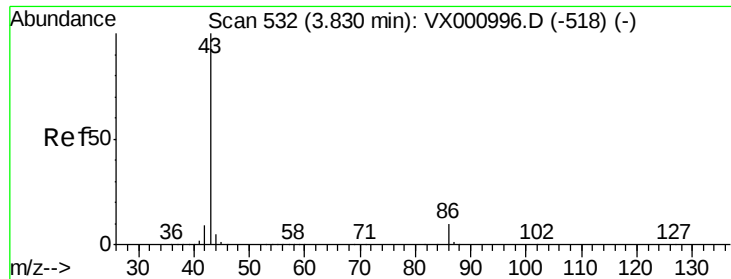
Delta R.T. 0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Tgt Ion:	45	Resp:	163535
Ion	Ratio	Lower	Upper
45	100		
43	57.4	47.0	70.4
87	27.9	22.5	33.7
59	10.5	8.8	13.2





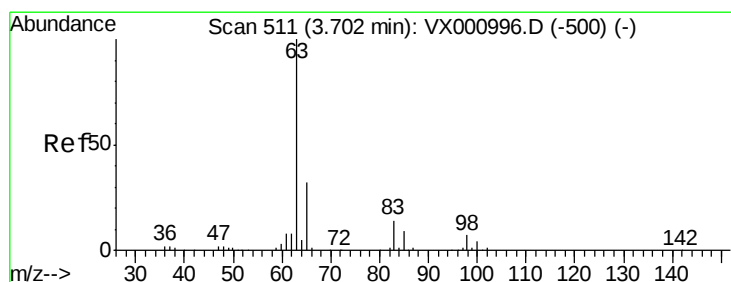
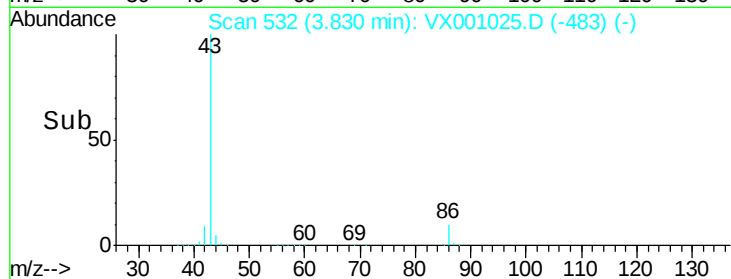
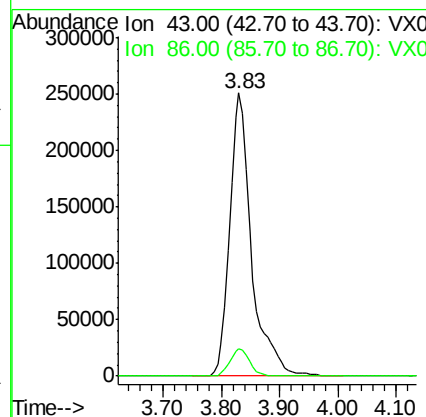
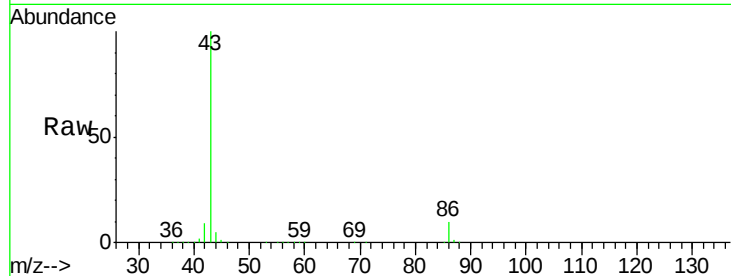
#23
 Vinyl Acetate
 Concen: 102.19 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX001025.D
 Acq: 20 Apr 2018 23:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS02

Tgt Ion	Ratio	Lower	Upper
43	100		
86	9.6	8.1	12.1

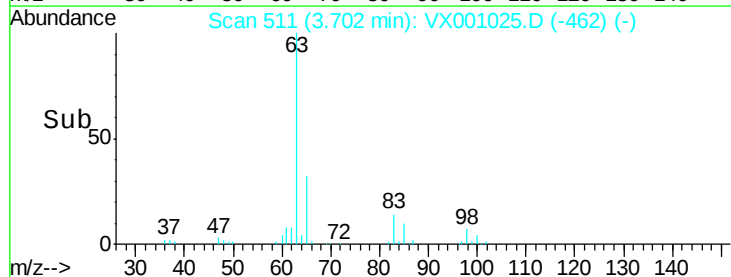
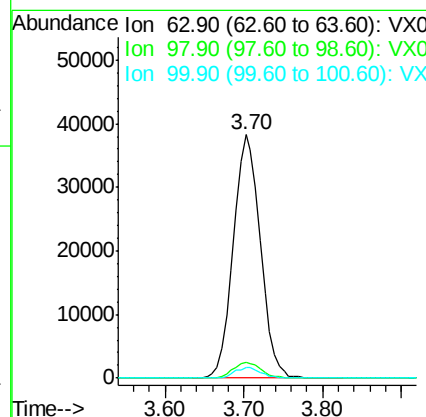
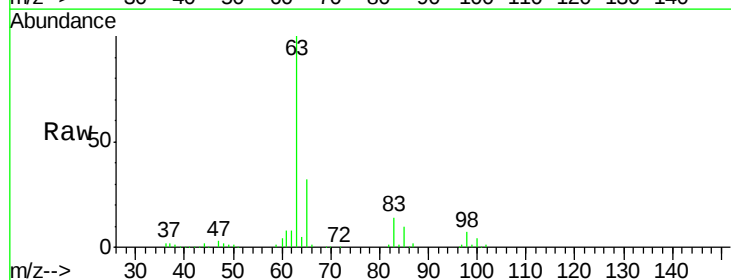
Manual Integrations
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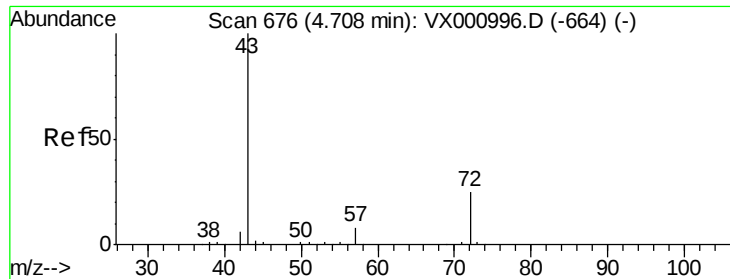
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#24
 1,1-Dichloroethane
 Concen: 21.02 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VX001025.D
 Acq: 20 Apr 2018 23:04

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.4	10.1
100	4.4	2.1	6.3





#25

2-Butanone

Concen: 101.13 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS02

Tgt Ion: 43 Resp: 170767

Ion Ratio Lower Upper

43 100

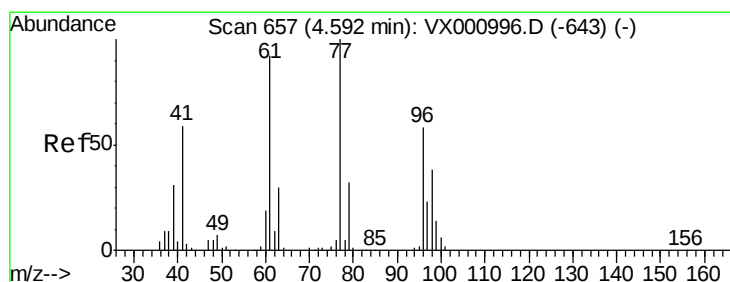
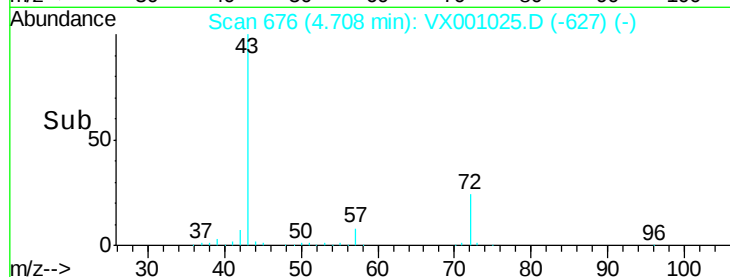
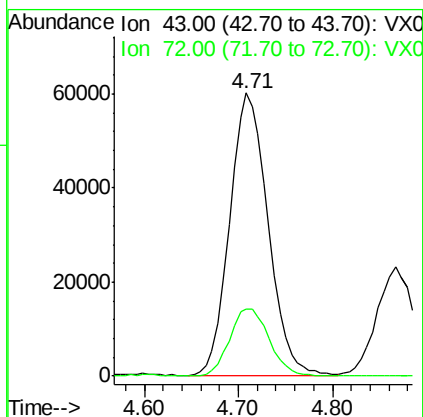
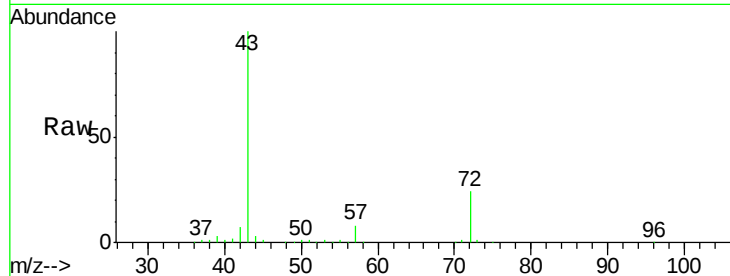
72 23.8 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.85 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001025.D

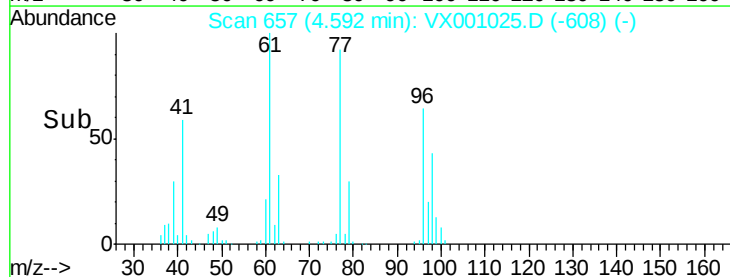
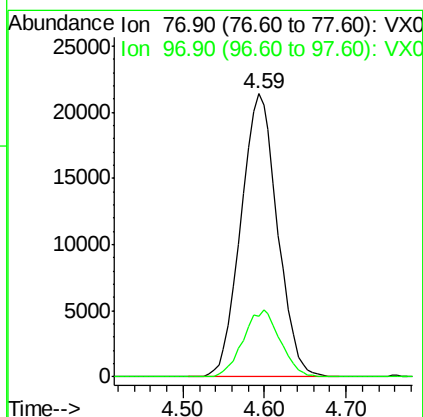
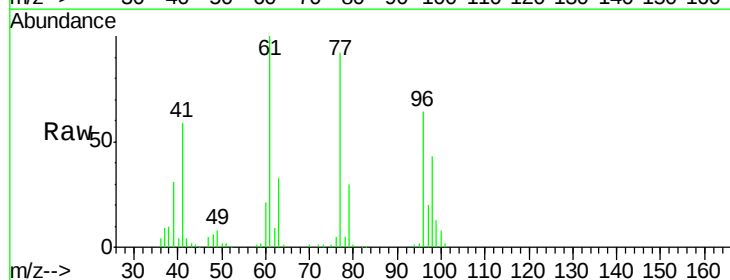
Acq: 20 Apr 2018 23:04

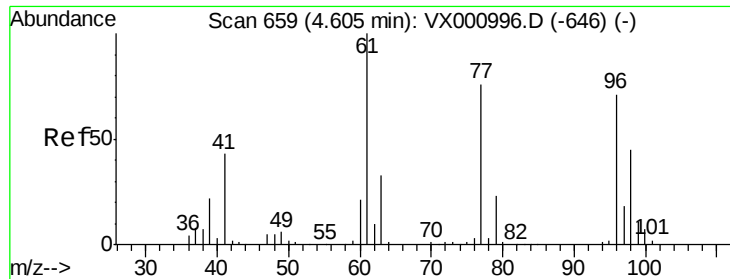
Tgt Ion: 77 Resp: 66619

Ion Ratio Lower Upper

77 100

97 24.0 11.5 34.4





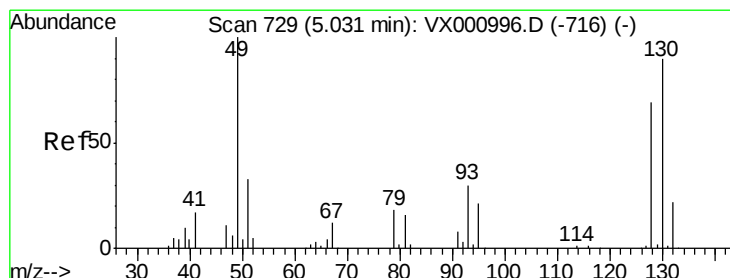
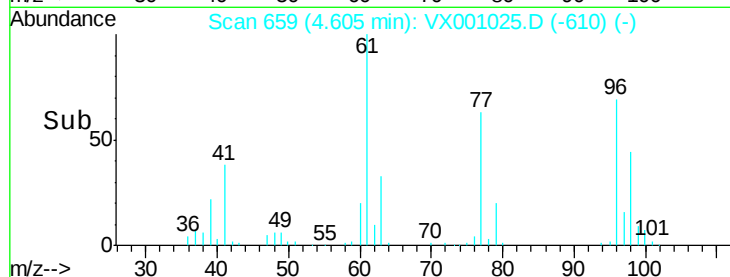
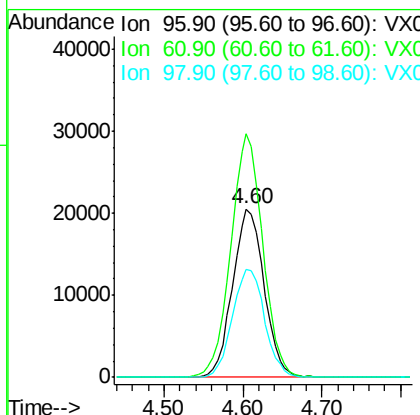
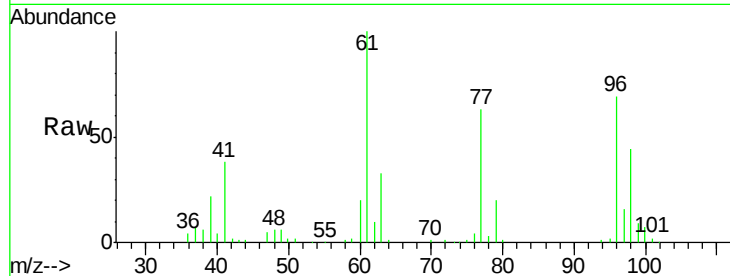
#27
 cis-1,2-Dichloroethene
 Concen: 20.84 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX001025.D
 Acq: 20 Apr 2018 23:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	57052		
61	146.4	0.0	297.0	
98	65.5	0.0	130.0	

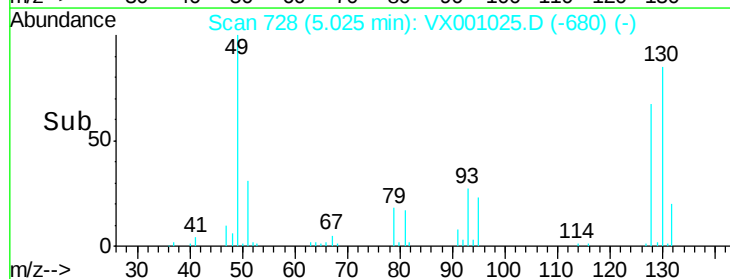
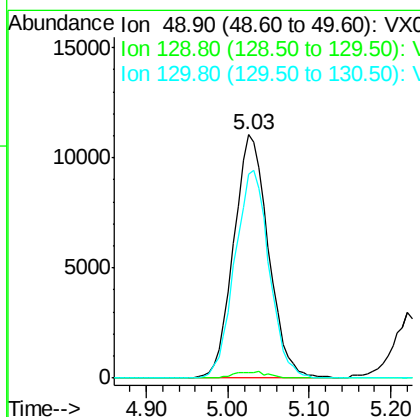
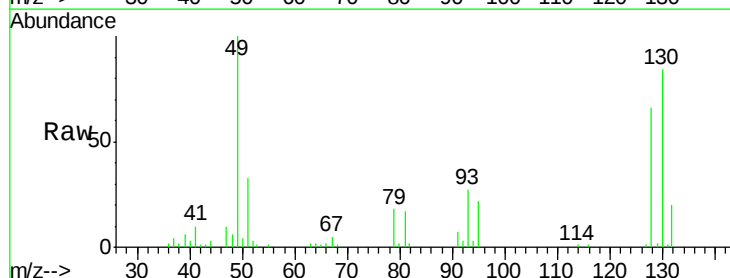
Manual Integrations
 APPROVED

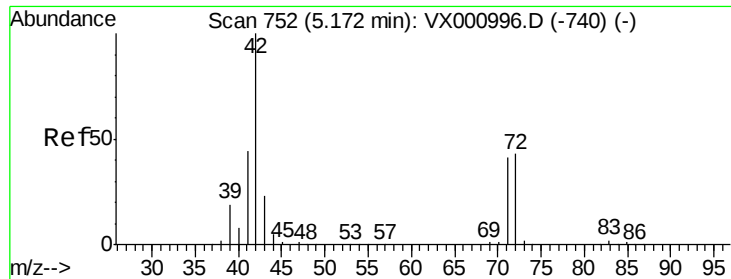
MMDadoda
 4/23/2018 1:27:45 PM



#28
 Bromochloromethane
 Concen: 19.50 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: VX001025.D
 Acq: 20 Apr 2018 23:04

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	32536		
129	2.3	0.0	4.8	
130	84.7	70.6	105.8	





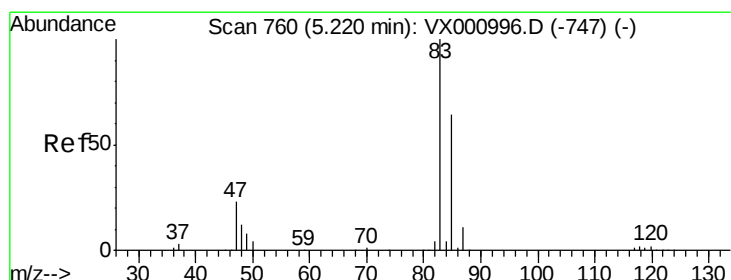
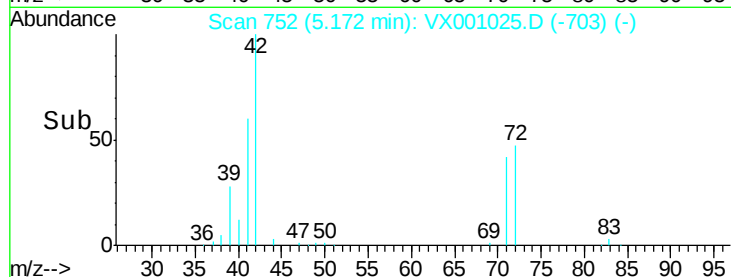
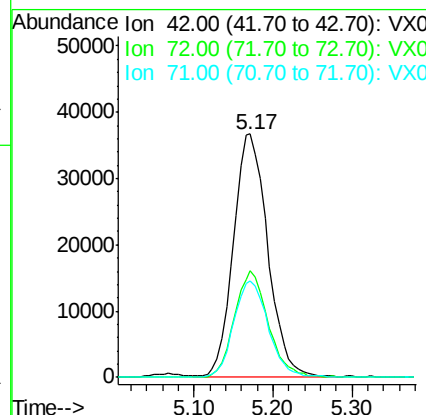
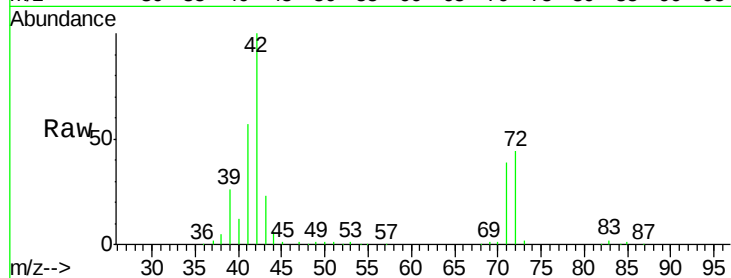
#29
Tetrahydrofuran
Concen: 103.42 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX001025.D
Acq: 20 Apr 2018 23:04

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS02

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.6	52.0
71	40.1	32.6	49.0

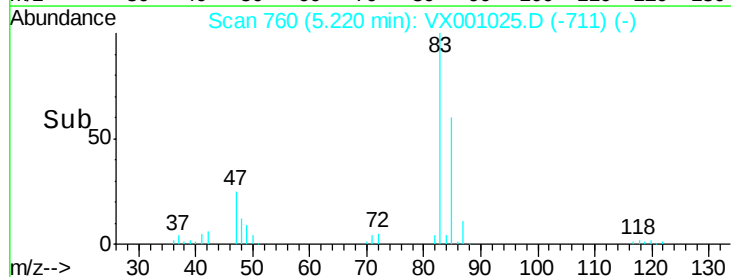
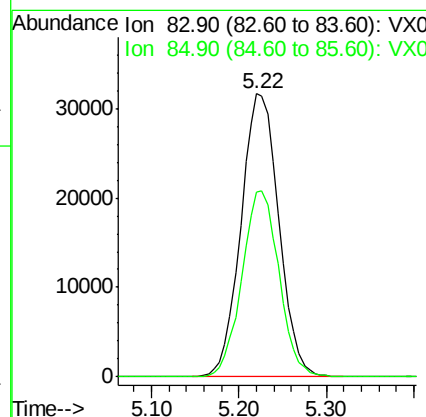
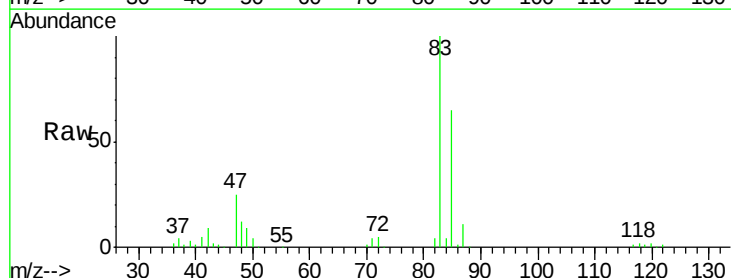
Manual Integrations
APPROVED

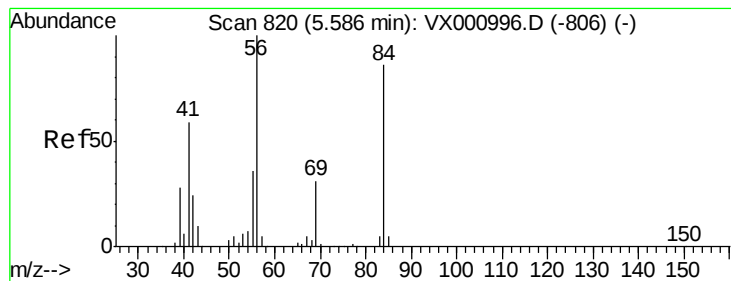
MMDadoda
4/23/2018 1:27:45 PM



#30
Chloroform
Concen: 21.21 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001025.D
Acq: 20 Apr 2018 23:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.3	76.9





#31

Cyclohexane

Concen: 20.00 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Instrument :

MSVOA_X

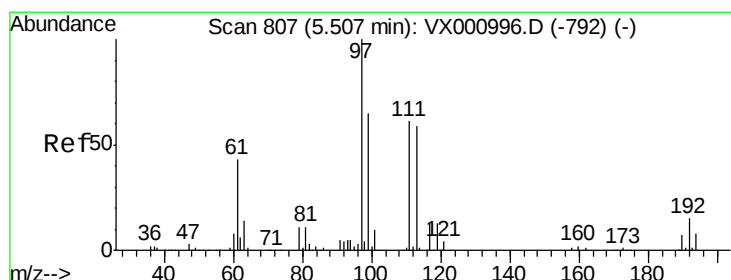
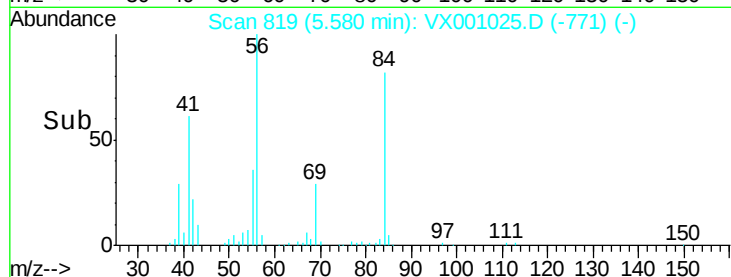
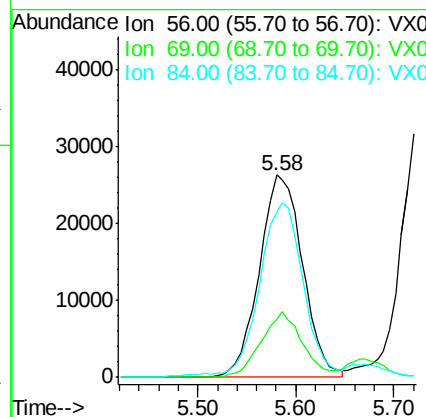
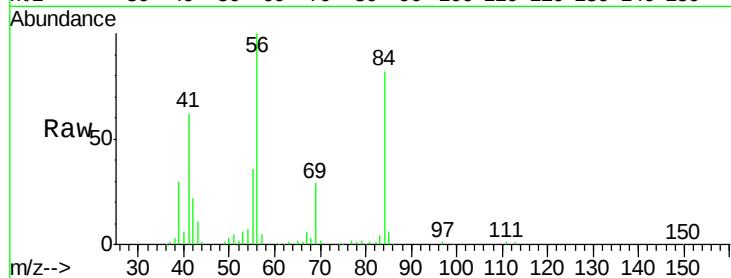
ClientSampleId :

VX0420WBS02

Tgt Ion:	56	Resp:	81002
Ion	Ratio	Lower	Upper
56	100		
69	28.5	24.6	36.8
84	80.2	69.0	103.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.96 ug/l

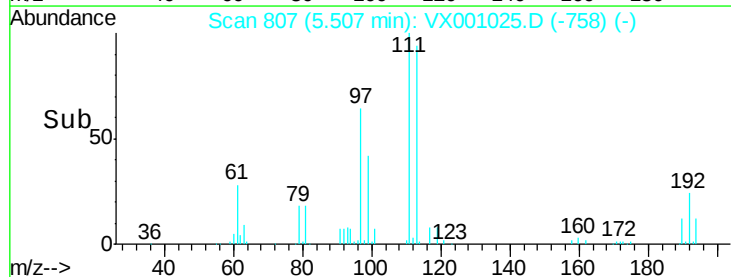
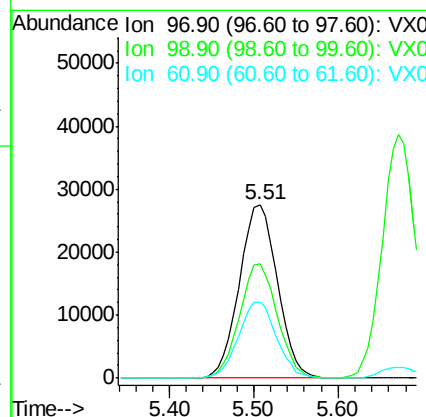
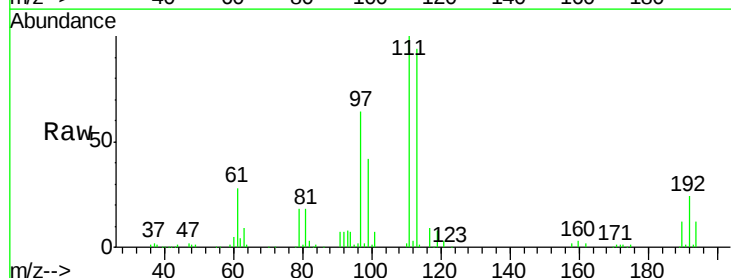
RT: 5.51 min Scan# 807

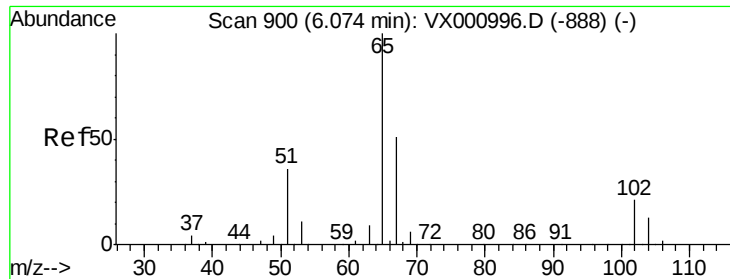
Delta R.T. 0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Tgt Ion:	97	Resp:	84427
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.1	76.7
61	43.9	34.4	51.6





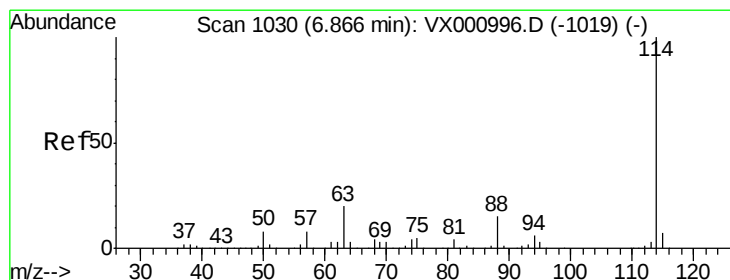
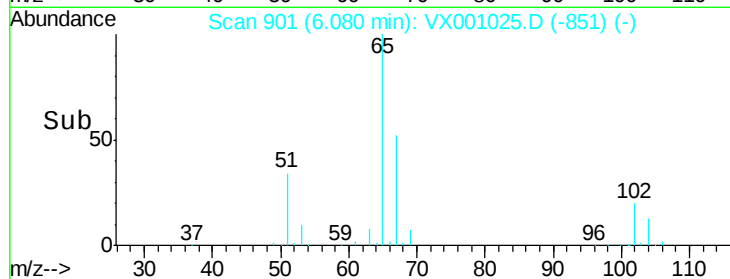
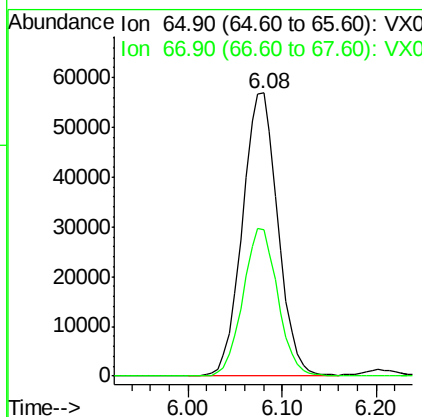
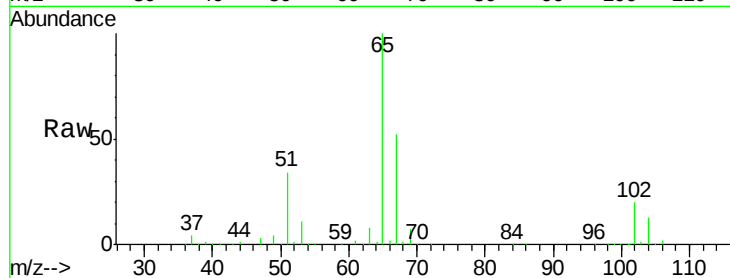
#33
 1,2-Dichloroethane-d4
 Concen: 51.94 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001025.D
 Acq: 20 Apr 2018 23:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS02

Tgt Ion: 65 Resp: 149202
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.6

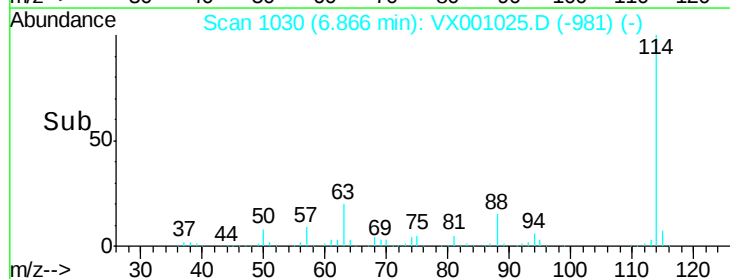
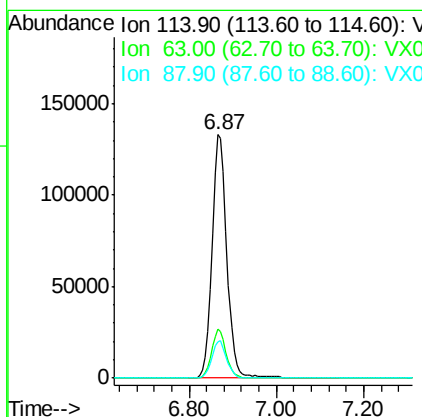
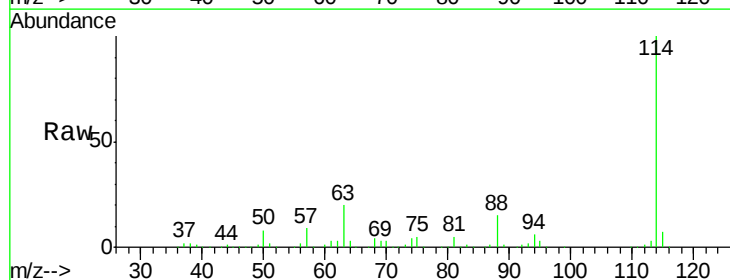
Manual Integrations
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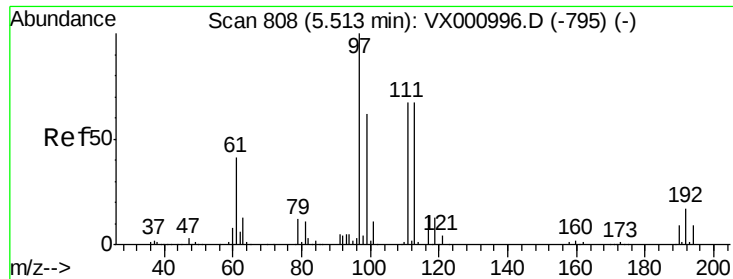
MMDadoda
 4/23/2018 1:27:45 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001025.D
 Acq: 20 Apr 2018 23:04

Tgt Ion: 114 Resp: 317089
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.4
 88 14.8 0.0 29.8





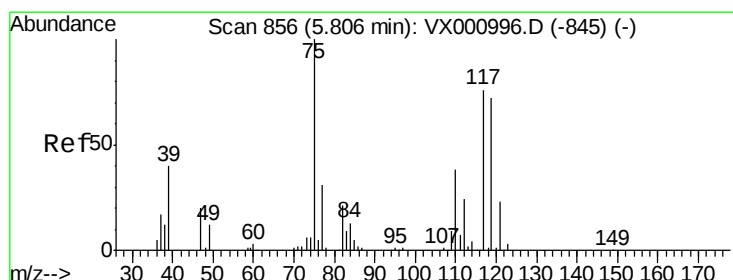
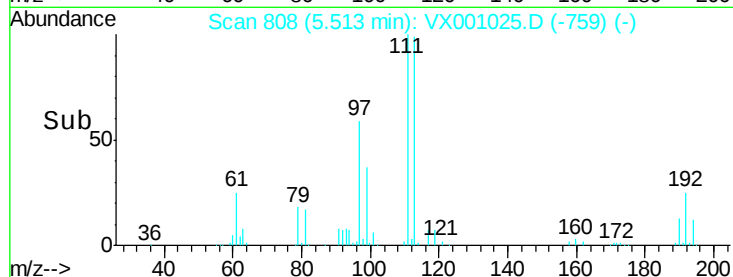
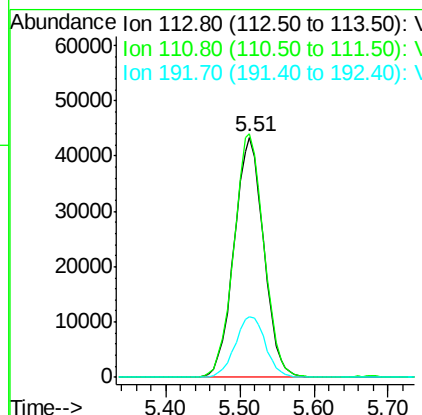
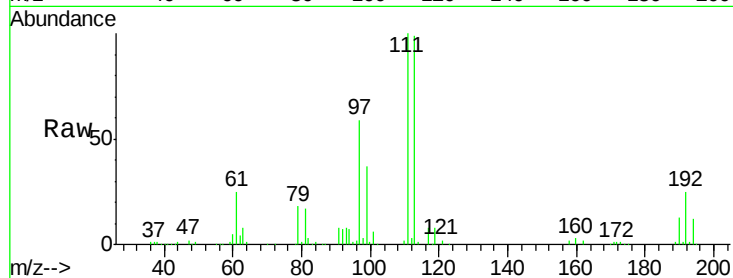
#35
 Dibromofluoromethane
 Concen: 50.02 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001025.D
 Acq: 20 Apr 2018 23:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	120952		
111	102.2	81.4	122.2	
192	25.8	20.4	30.6	

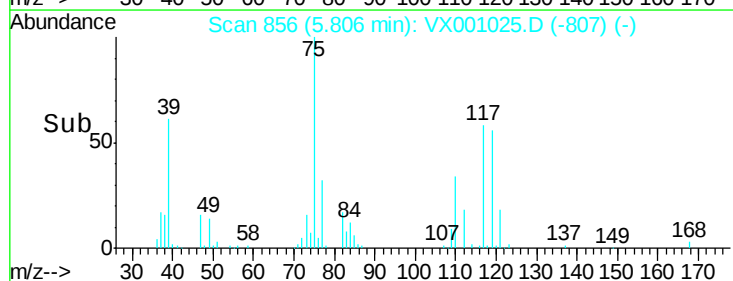
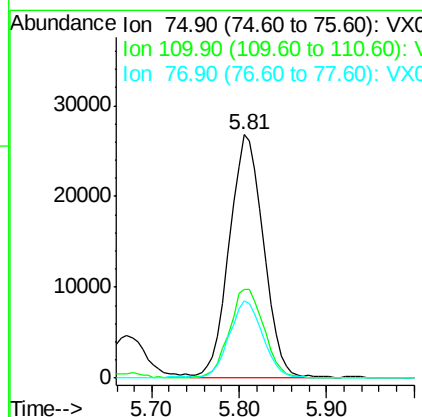
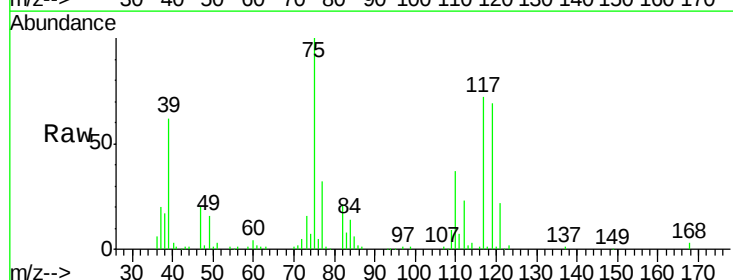
Manual Integrations
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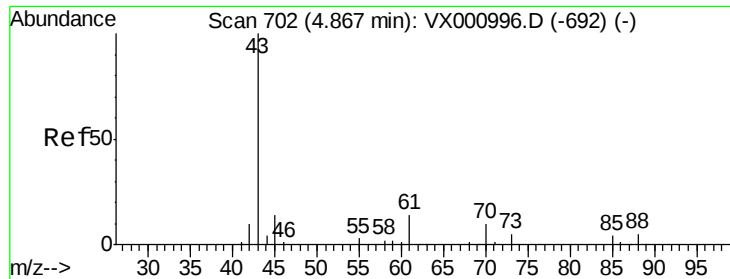
MMDadoda
 4/23/2018 1:27:45 PM



#36
 1,1-Dichloropropene
 Concen: 19.42 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001025.D
 Acq: 20 Apr 2018 23:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	72353		
110	37.4	18.7	56.1	
77	31.6	25.0	37.4	





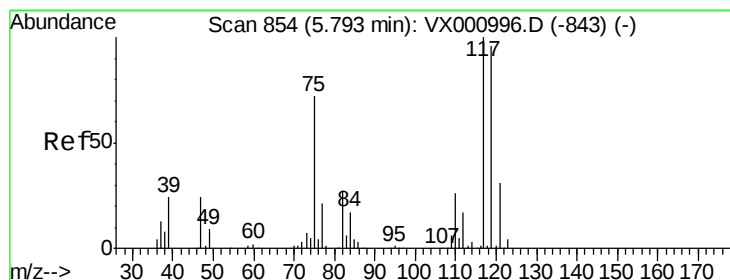
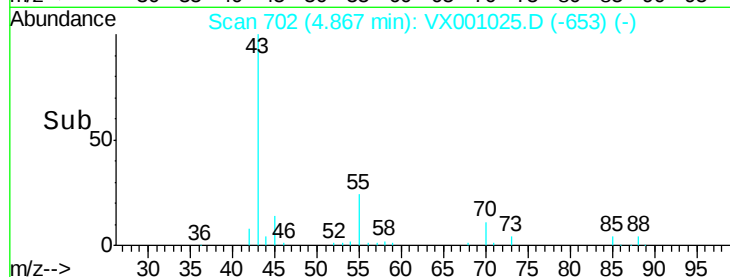
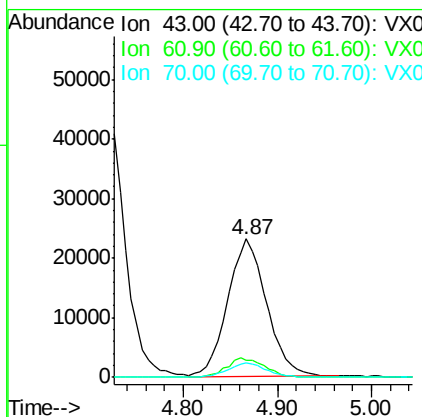
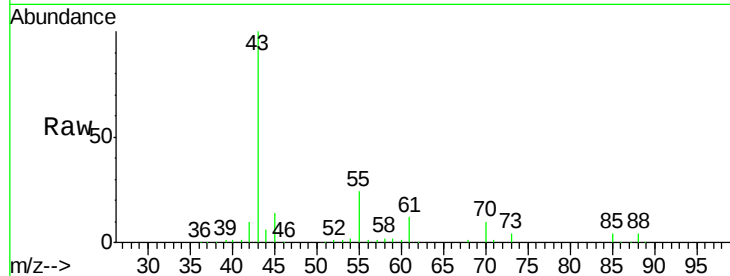
#37
Ethyl Acetate
Concen: 19.35 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX001025.D
Acq: 20 Apr 2018 23:04

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.7	16.1
70	10.2	8.3	12.5

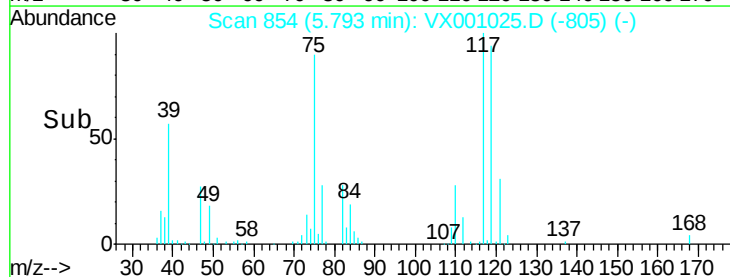
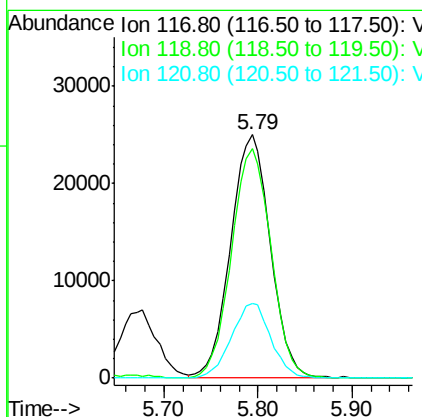
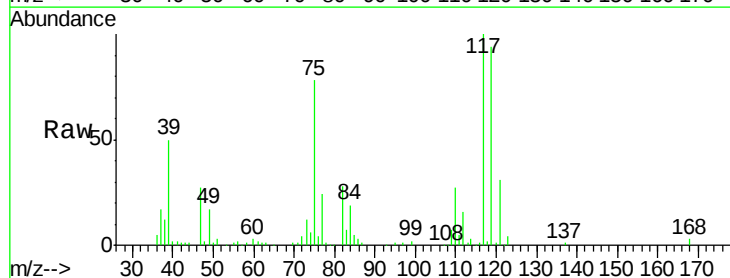
Manual Integrations
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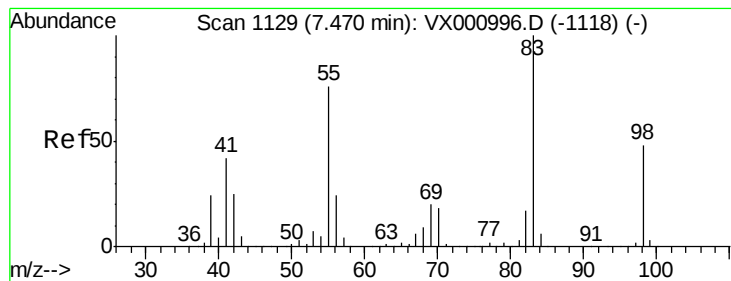
MMDadoda
4/23/2018 1:27:45 PM



#38
Carbon Tetrachloride
Concen: 19.36 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX001025.D
Acq: 20 Apr 2018 23:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.5	114.7
121	30.6	24.5	36.7





#39

Methylcyclohexane

Concen: 19.20 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. 0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Instrument :

MSVOA_X

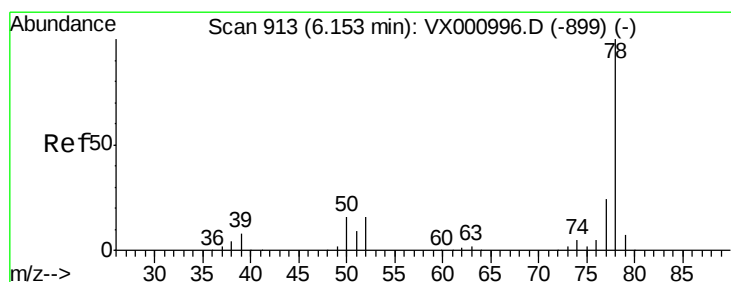
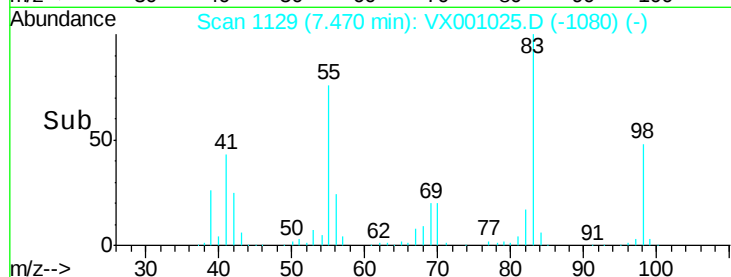
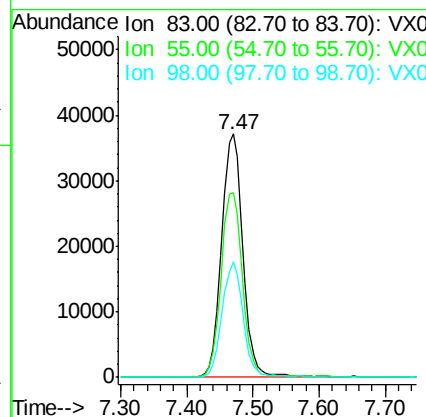
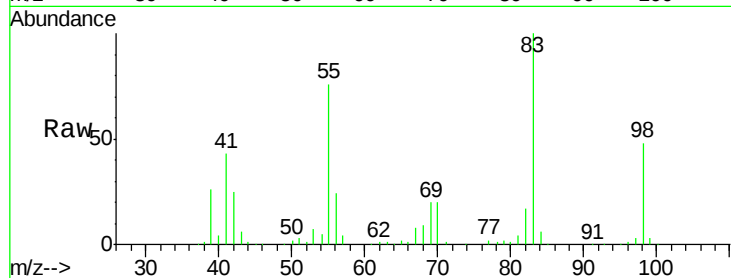
ClientSampleId :

VX0420WBS02

Tgt Ion:	83	Resp:	83281
Ion	Ratio	Lower	Upper
83	100		
55	75.7	60.6	91.0
98	47.7	38.2	57.4

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#40

Benzene

Concen: 20.12 ug/l

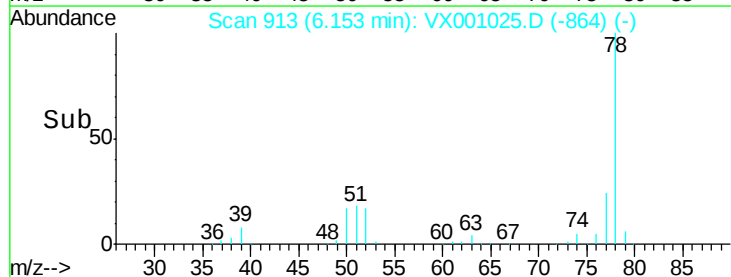
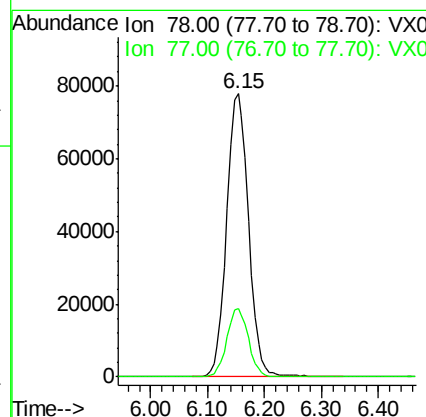
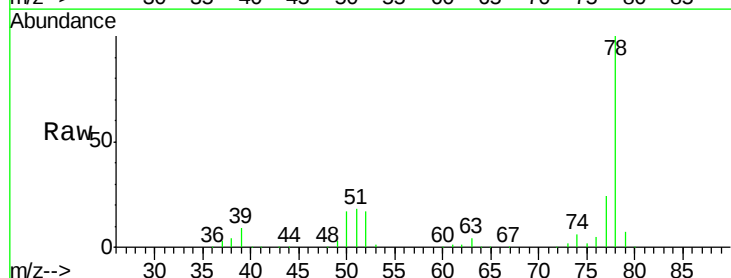
RT: 6.15 min Scan# 913

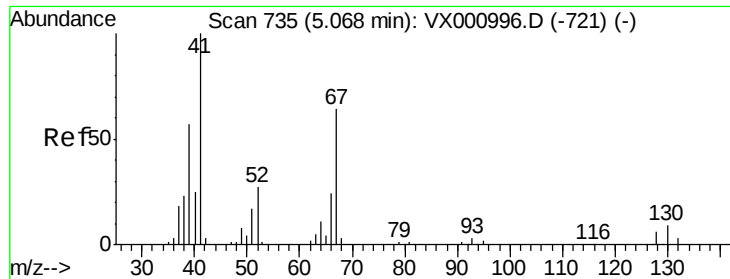
Delta R.T. 0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Tgt Ion:	78	Resp:	208405
Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.9	28.3





#41

Methacrylonitrile

Concen: 19.33 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.01 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Instrument :

MSVOA_X

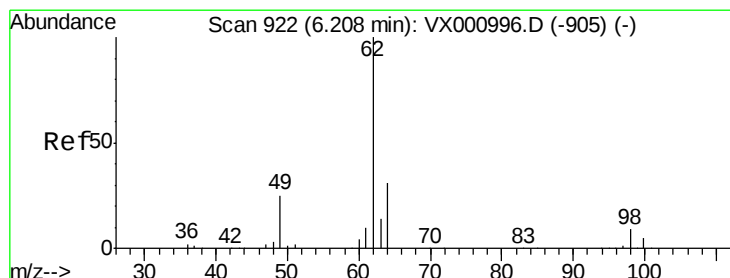
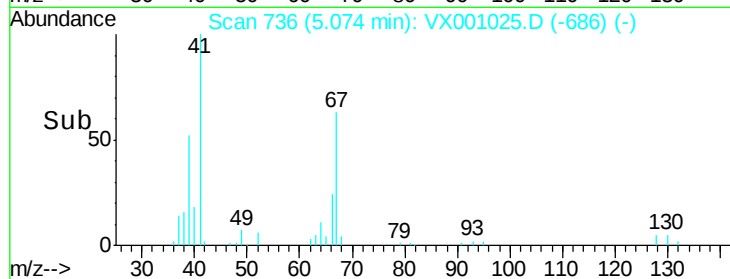
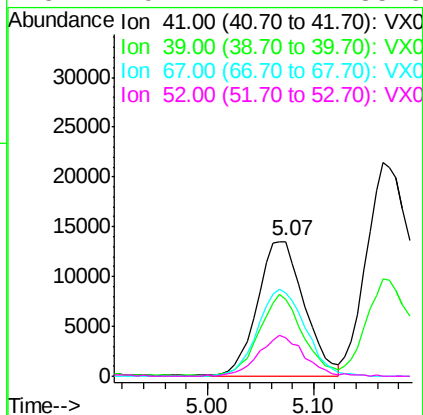
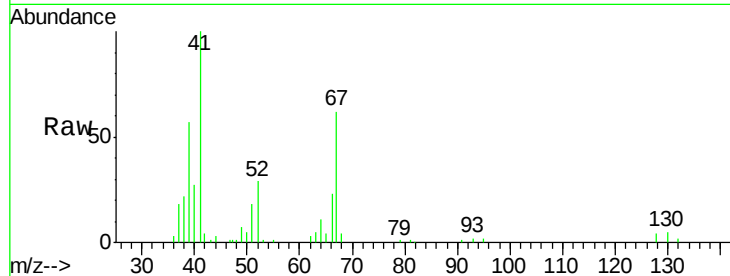
ClientSampleId :

VX0420WBS02

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.2	45.2	67.8	
67	65.9	53.8	80.8	
52	29.7	22.4	33.6	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 20.05 ug/l

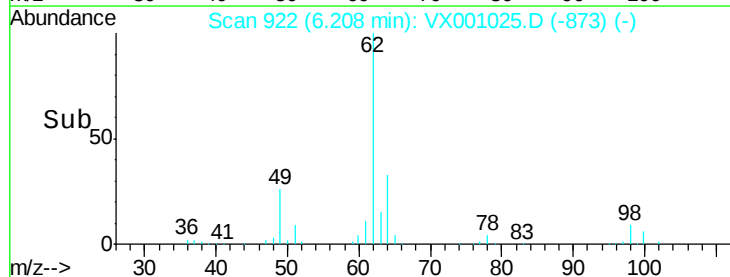
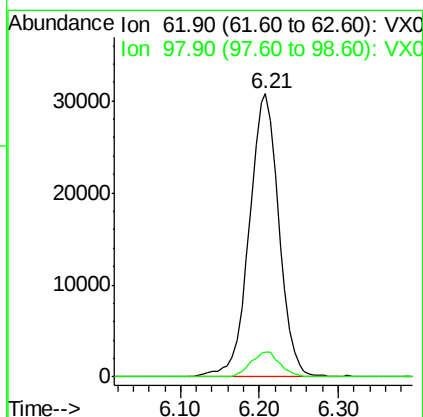
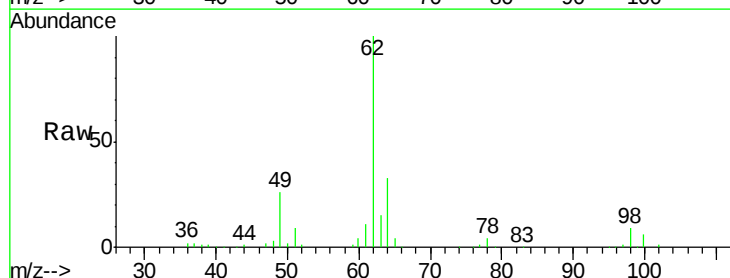
RT: 6.21 min Scan# 922

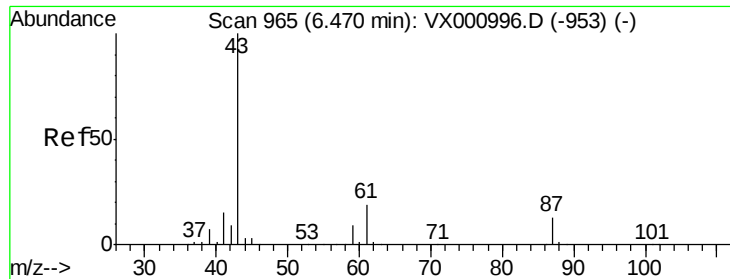
Delta R.T. 0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	17.6	





#43

Isopropyl Acetate

Concen: 19.46 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Instrument :

MSVOA_X

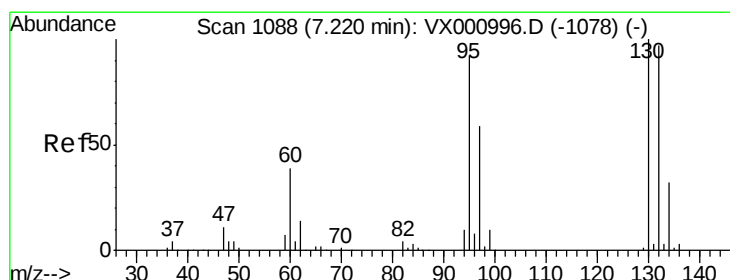
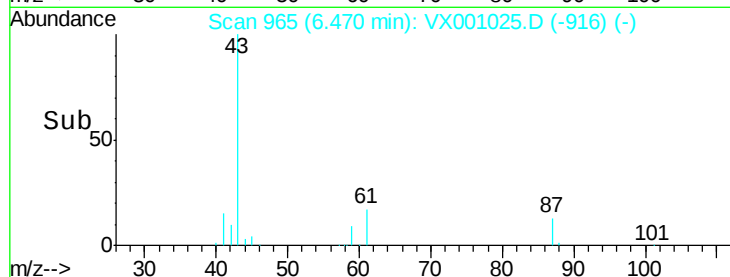
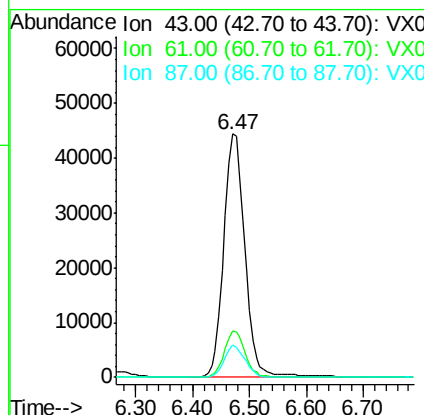
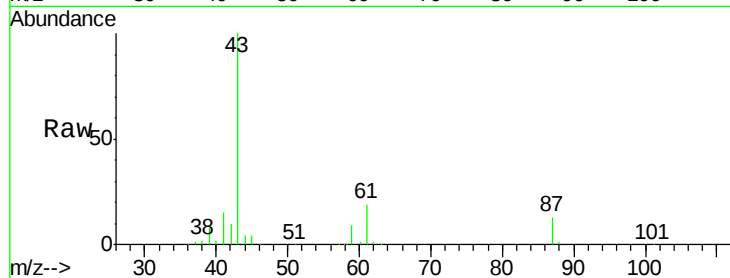
ClientSampleId :

VX0420WBS02

Tgt Ion:	43	Resp:	114114
Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.4	23.2
87	12.9	10.6	15.8

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4/23/2018 1:27:45 PM



#44

Trichloroethene

Concen: 19.89 ug/l

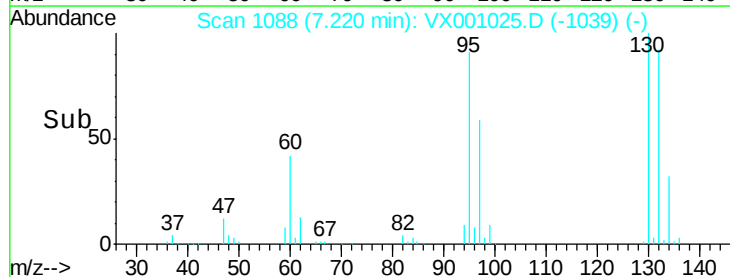
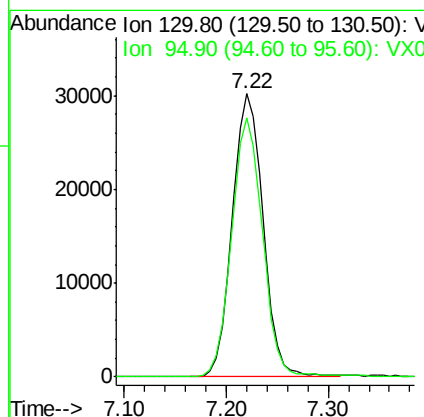
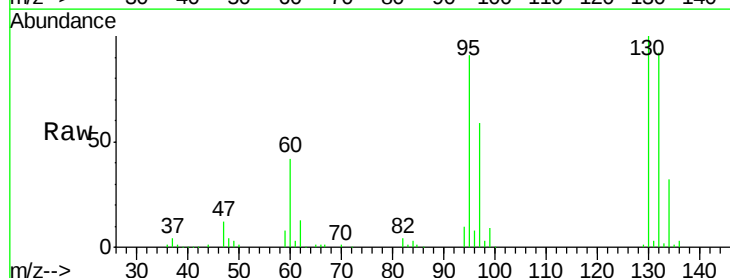
RT: 7.22 min Scan# 1088

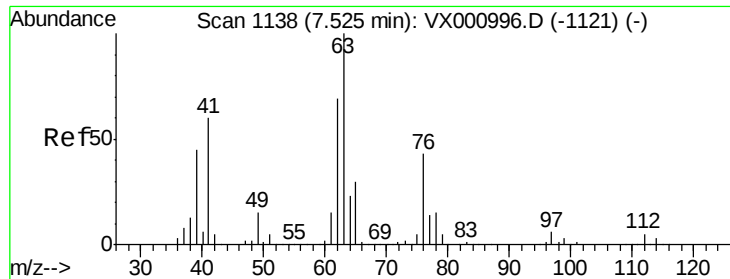
Delta R.T. 0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Tgt Ion:	130	Resp:	62938
Ion	Ratio	Lower	Upper
130	100		
95	91.4	0.0	184.2





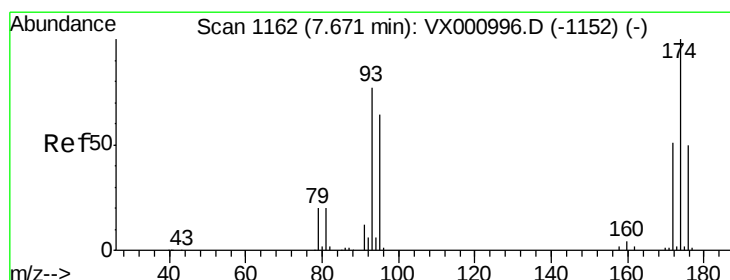
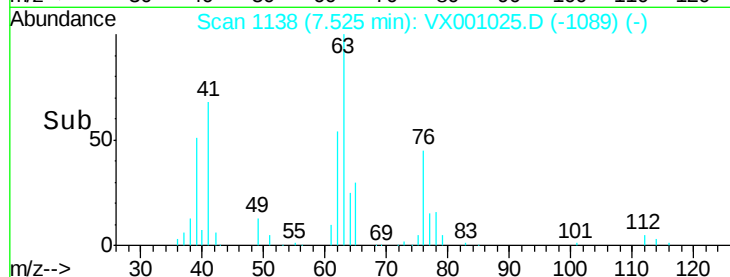
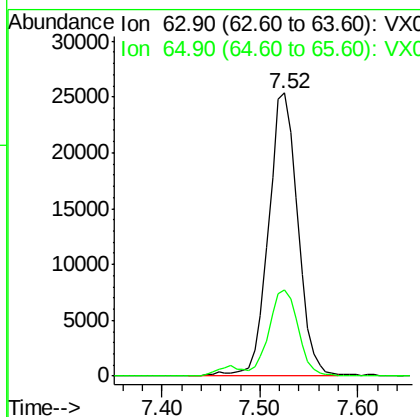
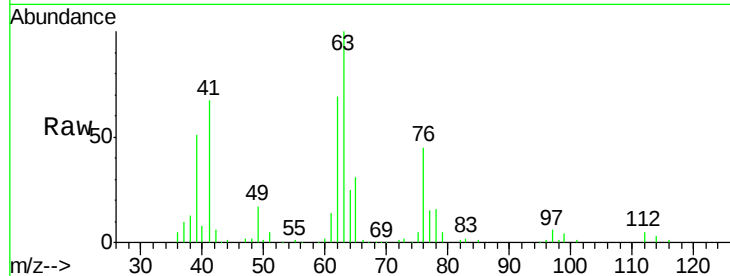
#45
 1,2-Dichloropropane
 Concen: 20.39 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001025.D
 Acq: 20 Apr 2018 23:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS02

Tgt Ion: 63 Resp: 53104
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.4 36.6

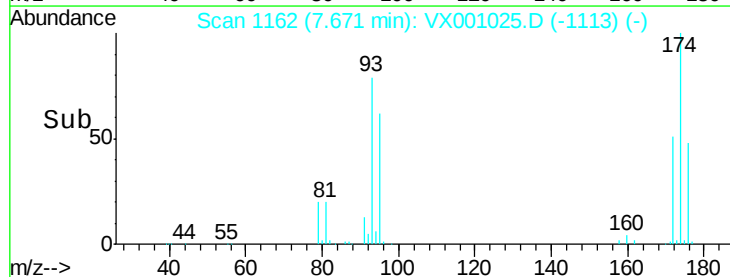
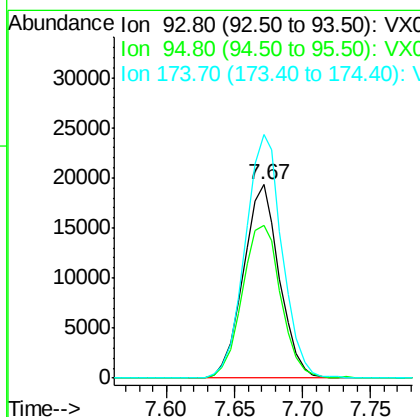
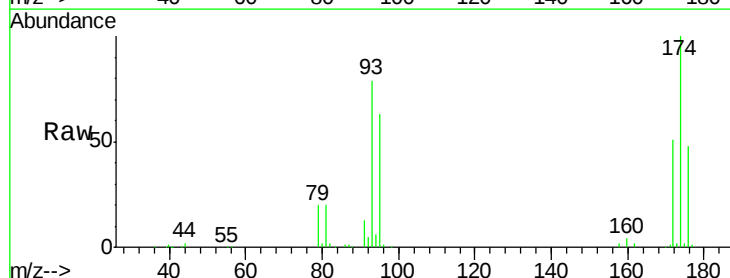
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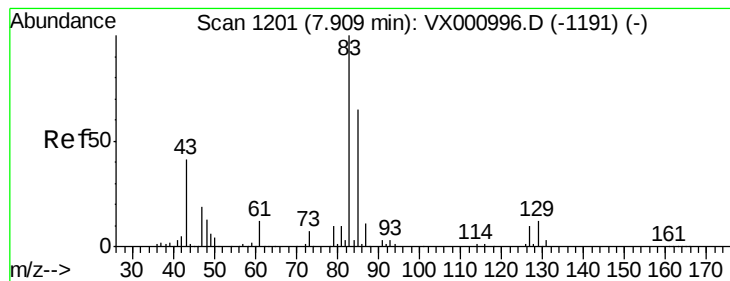
MMDadoda
 4/23/2018 1:27:45 PM



#46
 Dibromomethane
 Concen: 19.64 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001025.D
 Acq: 20 Apr 2018 23:04

Tgt Ion: 93 Resp: 35740
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.7 100.1
 174 129.3 101.8 152.6





#47

Bromodichloromethane

Concen: 19.92 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS02

Tgt Ion: 83 Resp: 67169

Ion Ratio Lower Upper

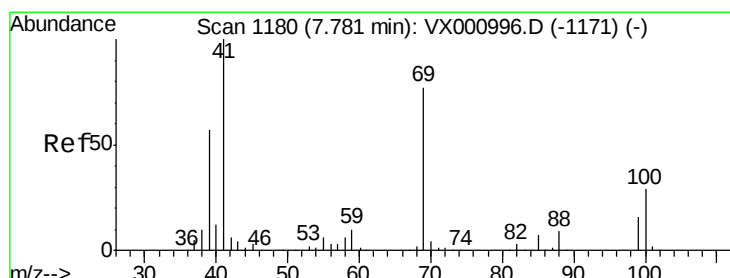
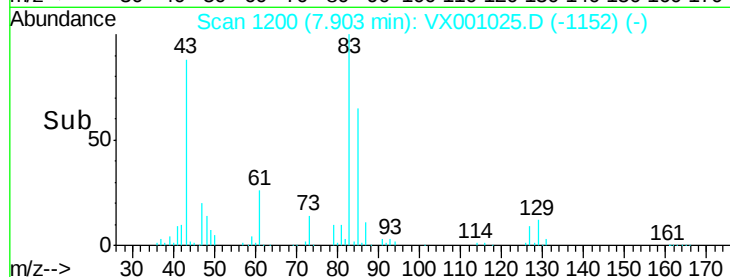
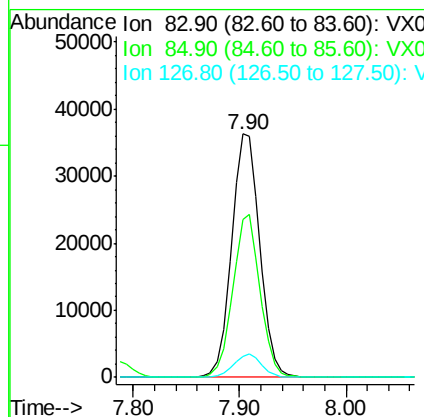
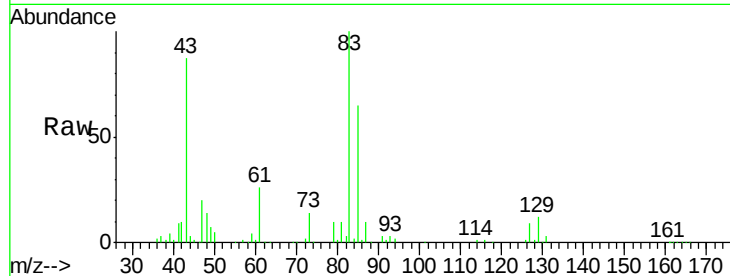
83 100

85 64.9 52.3 78.5

127 8.7 7.8 11.6

Manual Integrations
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MMDadoda
4/23/2018 1:27:45 PM



#48

Methyl methacrylate

Concen: 19.64 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

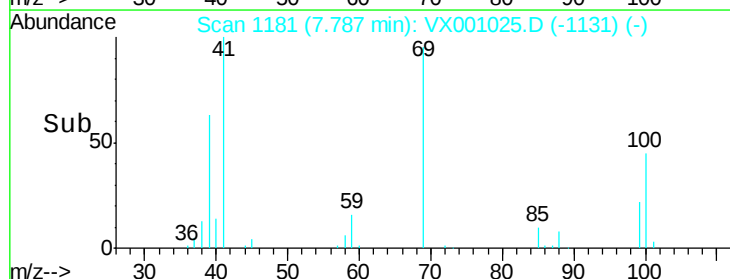
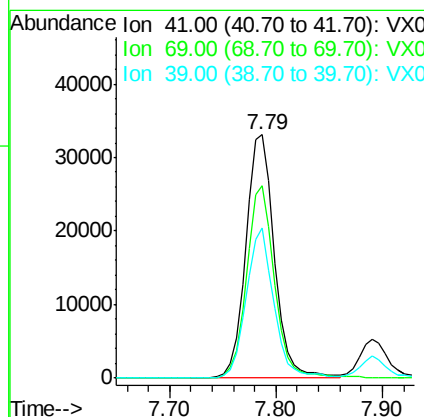
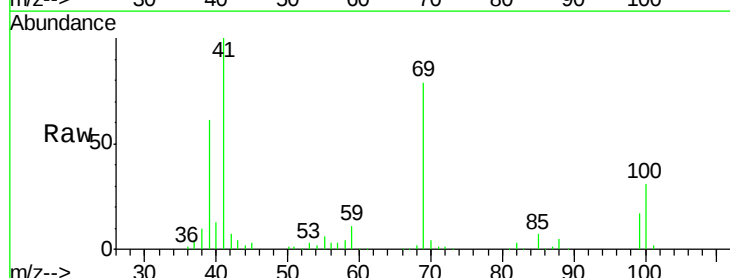
Tgt Ion: 41 Resp: 62026

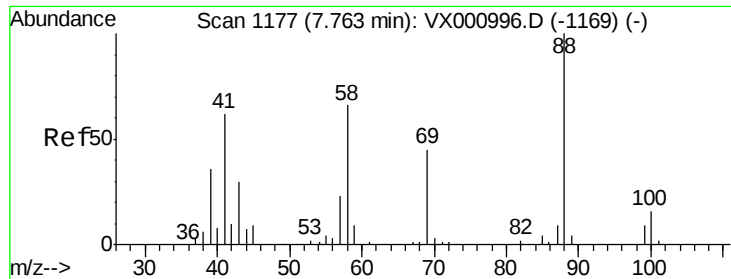
Ion Ratio Lower Upper

41 100

69 78.1 62.6 94.0

39 58.8 45.3 67.9





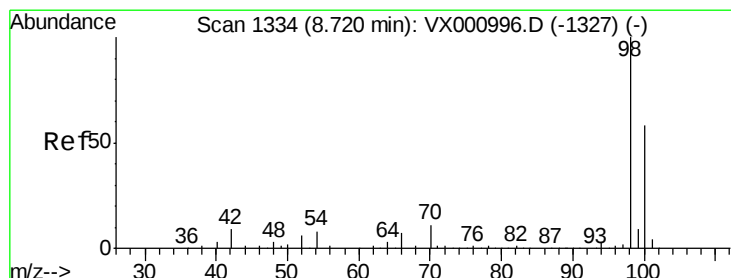
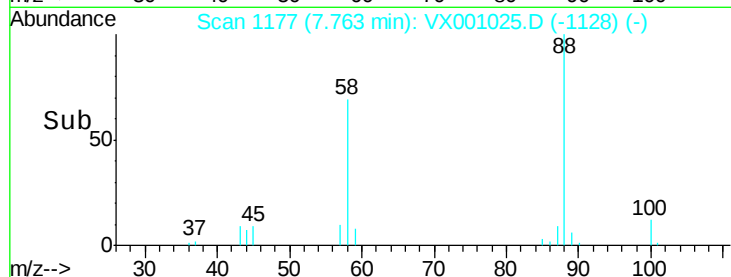
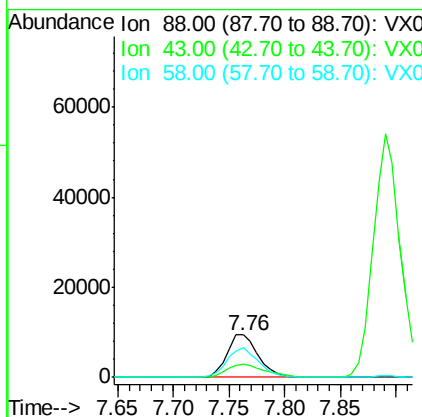
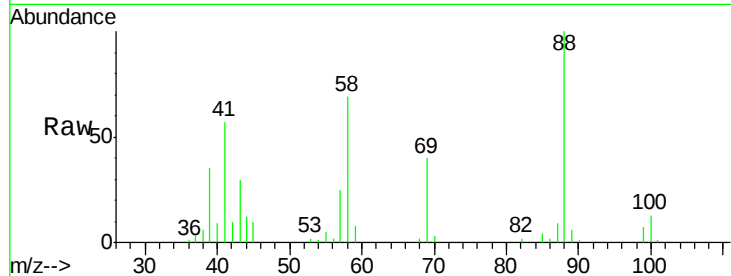
#49
1,4-Dioxane
Concen: 396.23 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001025.D
Acq: 20 Apr 2018 23:04

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	37.6	29.2	43.8
58	71.8	55.0	82.6

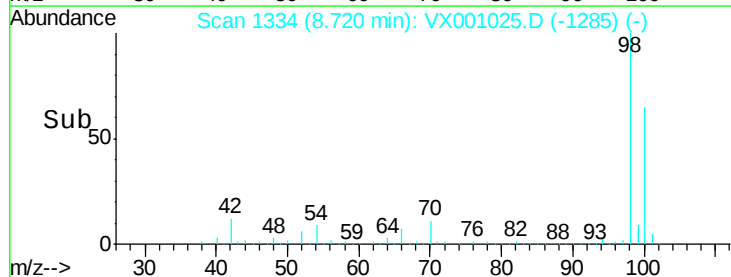
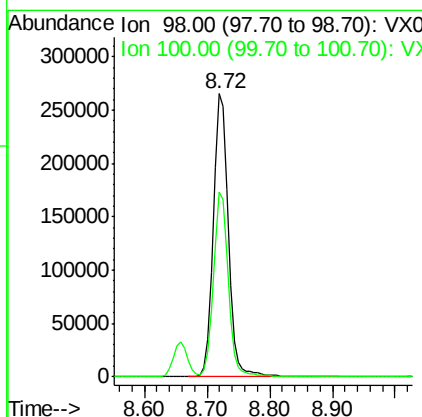
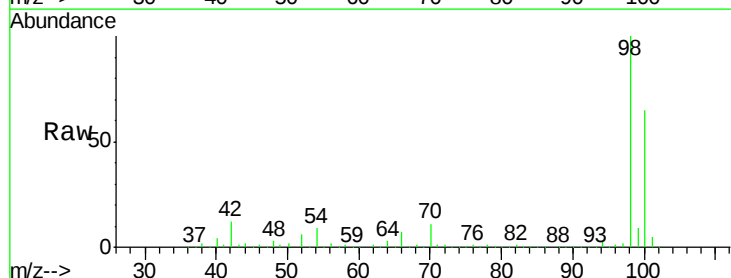
Manual Integrations
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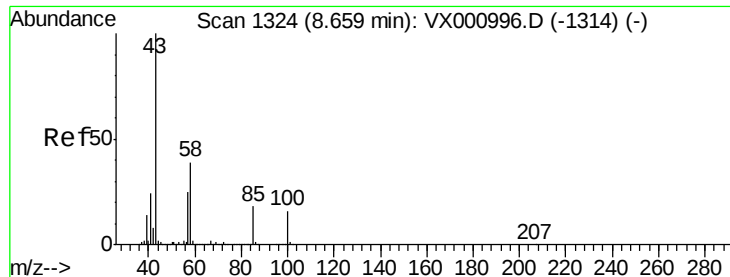
MMDadoda
4/23/2018 1:27:45 PM



#50
Toluene-d8
Concen: 49.37 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001025.D
Acq: 20 Apr 2018 23:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.9	77.9





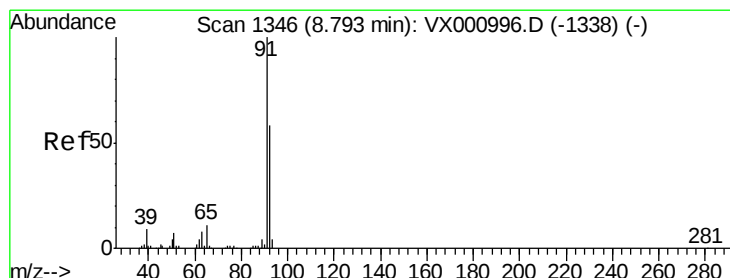
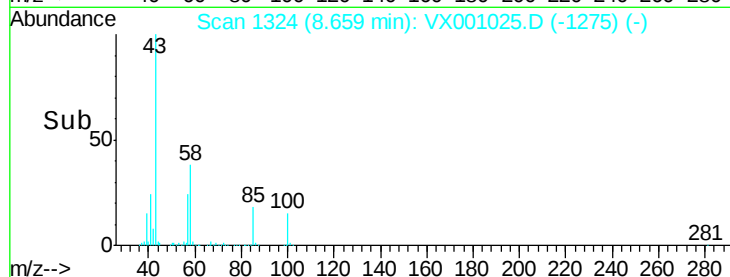
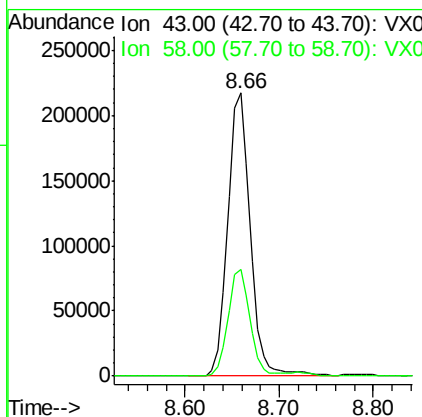
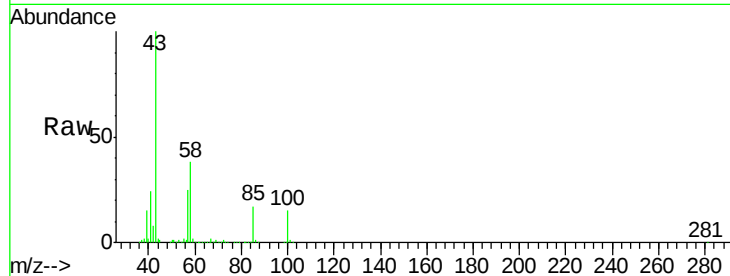
#51
 4-Methyl-2-Pentanone
 Concen: 101.61 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001025.D
 Acq: 20 Apr 2018 23:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS02

Tgt Ion: 43 Resp: 361800
 Ion Ratio Lower Upper
 43 100
 58 36.4 30.2 45.4

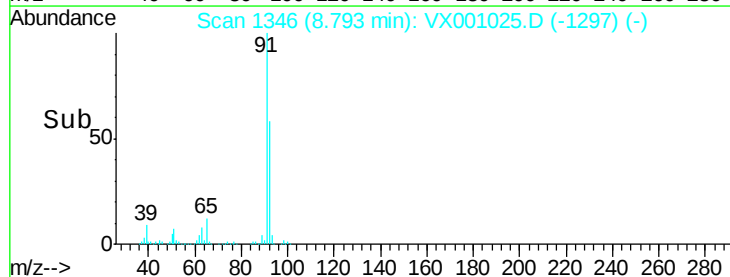
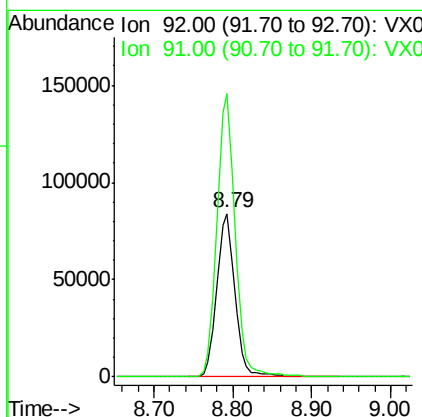
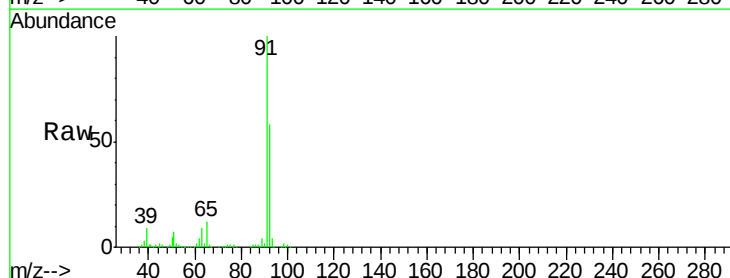
Manual Integrations
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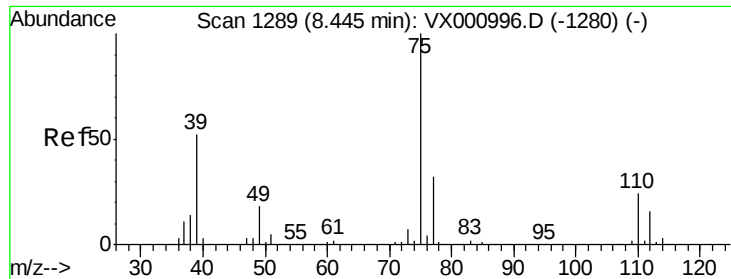
MMDadoda
 4/23/2018 1:27:45 PM



#52
 Toluene
 Concen: 20.09 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX001025.D
 Acq: 20 Apr 2018 23:04

Tgt Ion: 92 Resp: 135834
 Ion Ratio Lower Upper
 92 100
 91 173.8 138.2 207.4





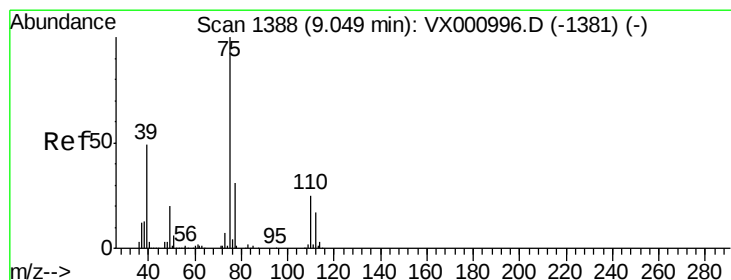
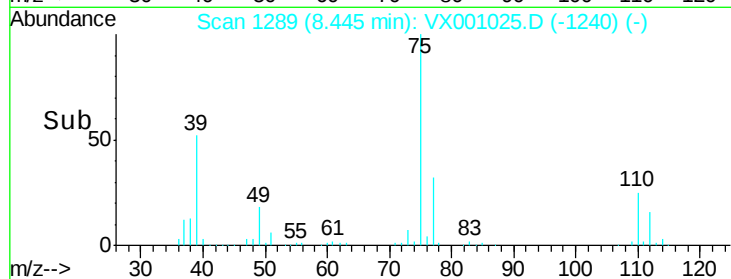
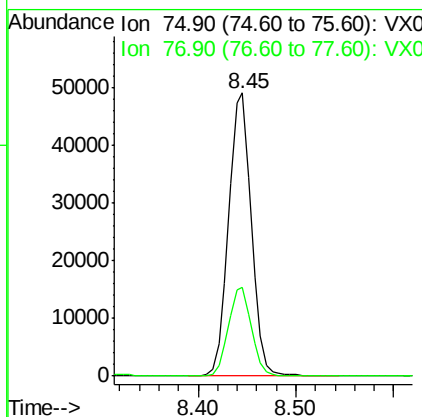
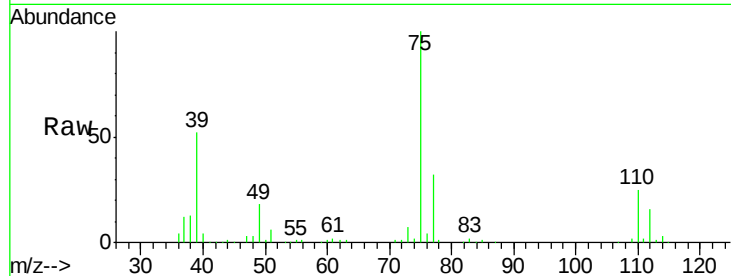
#53
 t-1,3-Dichloropropene
 Concen: 19.61 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX001025.D
 Acq: 20 Apr 2018 23:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS02

Tgt Ion: 75 Resp: 79062
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.8 38.6

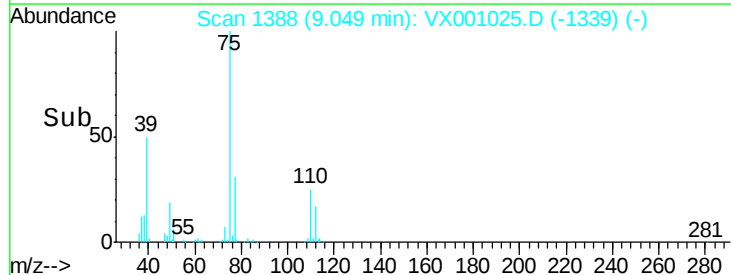
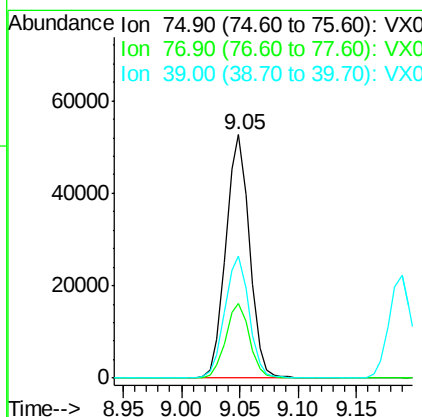
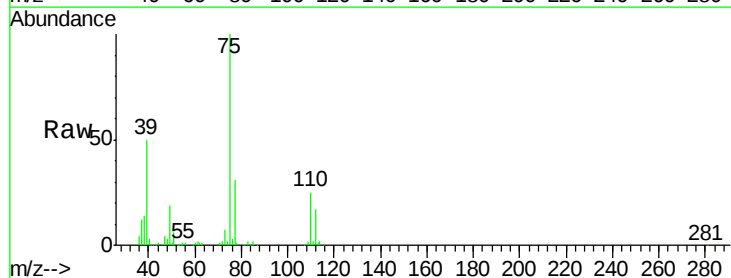
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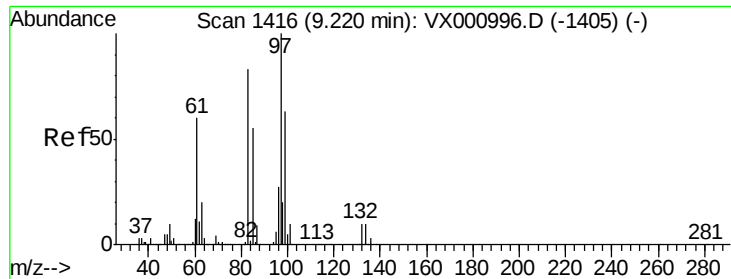
MMDadoda
 4/23/2018 1:27:45 PM



#54
 cis-1,3-Dichloropropene
 Concen: 19.55 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001025.D
 Acq: 20 Apr 2018 23:04

Tgt Ion: 75 Resp: 74346
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.0 37.6
 39 50.2 39.2 58.8





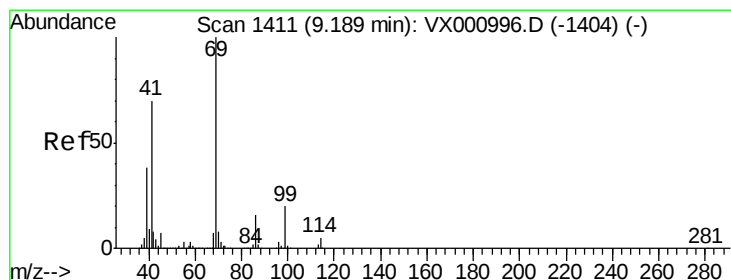
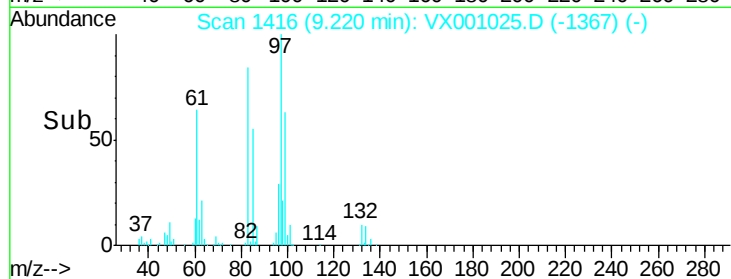
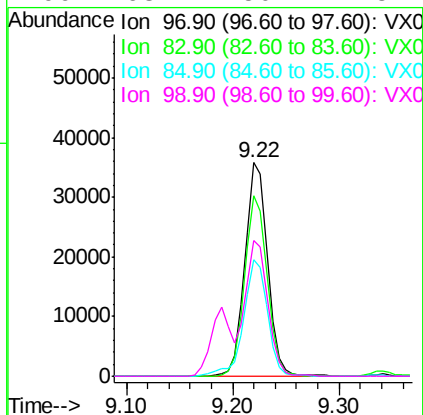
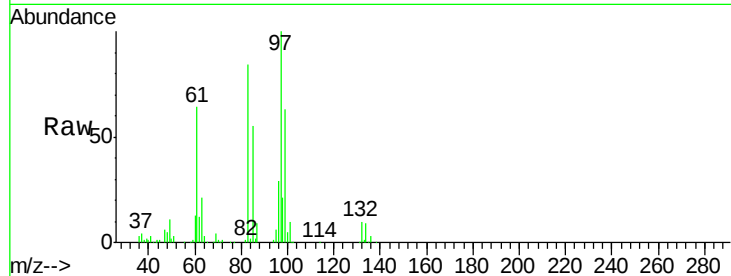
#55
 1,1,2-Trichloroethane
 Concen: 20.03 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001025.D
 Acq: 20 Apr 2018 23:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS02

Tgt Ion:	97	Resp:	53837
Ion	Ratio	Lower	Upper
97	100		
83	84.4	66.2	99.4
85	54.6	44.2	66.4
99	63.4	50.2	75.4

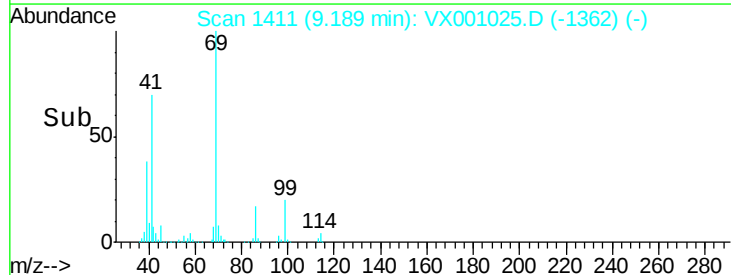
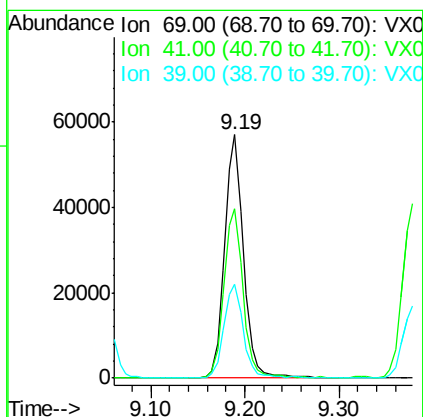
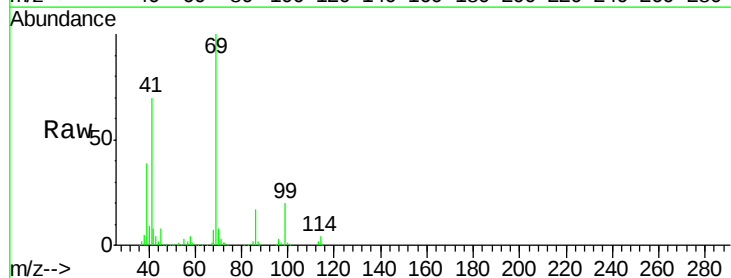
Manual Integrations
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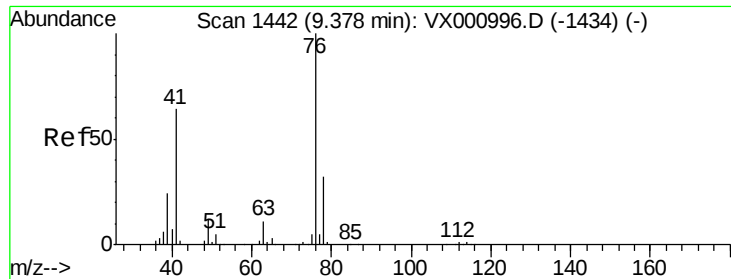
MMDadoda
 4/23/2018 1:27:45 PM



#56
 Ethyl methacrylate
 Concen: 20.05 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001025.D
 Acq: 20 Apr 2018 23:04

Tgt Ion:	69	Resp:	79147
Ion	Ratio	Lower	Upper
69	100		
41	70.5	56.3	84.5
39	39.6	30.4	45.6





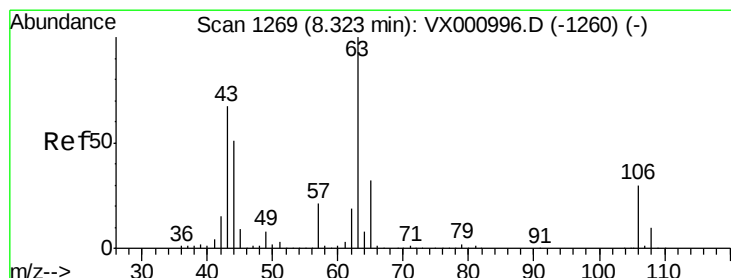
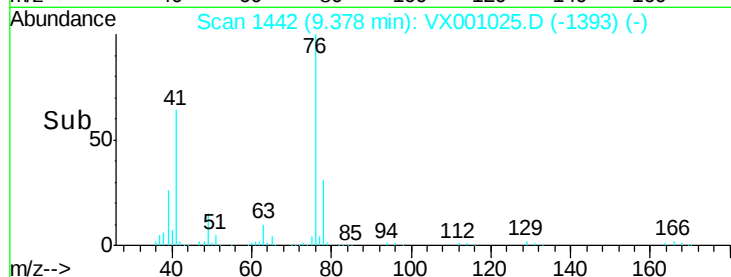
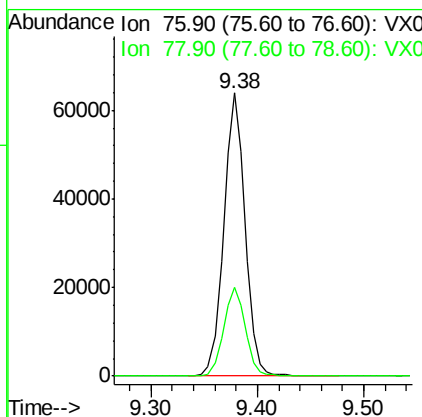
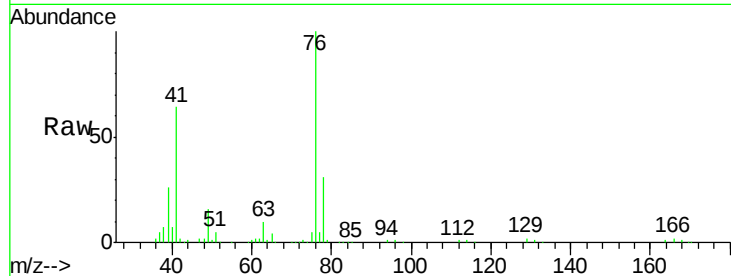
#57
 1,3-Dichloropropane
 Concen: 19.96 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001025.D
 Acq: 20 Apr 2018 23:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS02

Tgt Ion: 76 Resp: 88853
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6

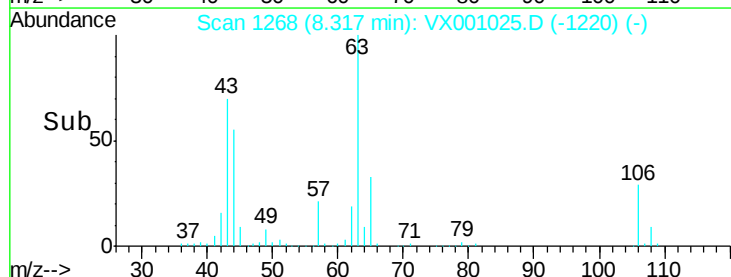
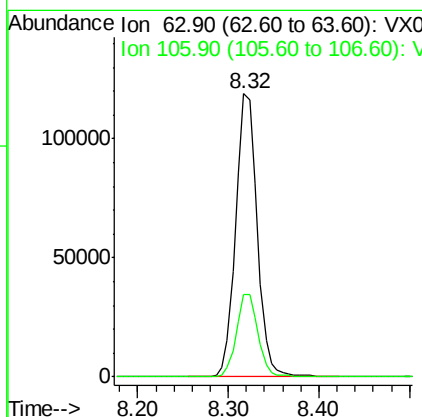
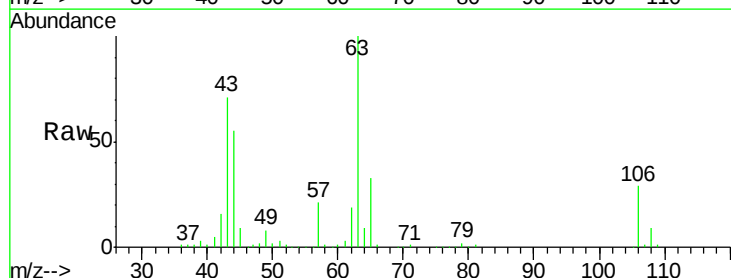
Manual Integrations
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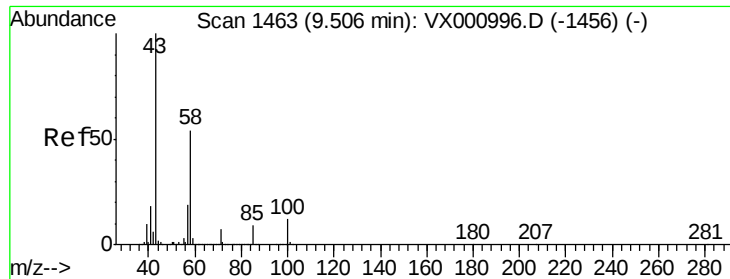
MMDadoda
 4/23/2018 1:27:45 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.59 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001025.D
 Acq: 20 Apr 2018 23:04

Tgt Ion: 63 Resp: 195709
 Ion Ratio Lower Upper
 63 100
 106 29.5 23.8 35.6





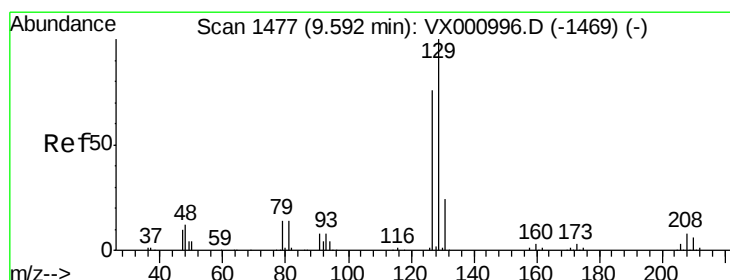
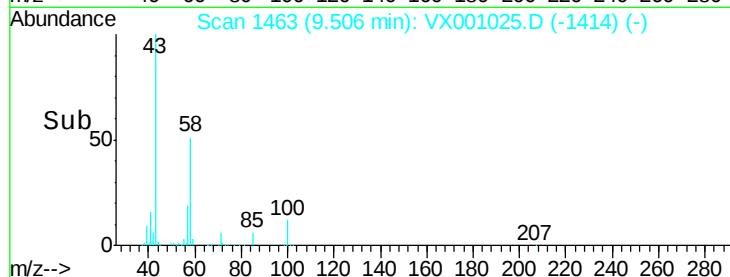
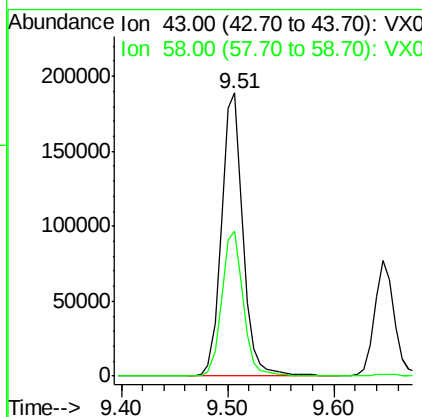
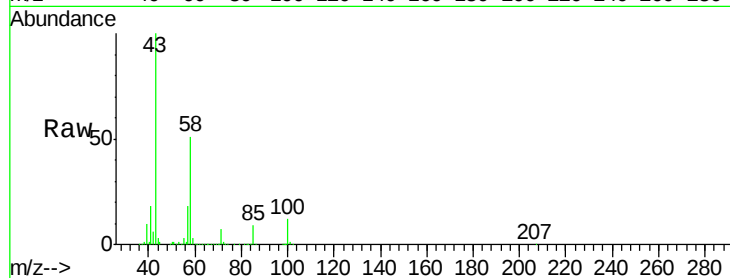
#59
2-Hexanone
Concen: 97.29 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001025.D
Acq: 20 Apr 2018 23:04

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS02

Tgt Ion: 43 Resp: 265154
Ion Ratio Lower Upper
43 100
58 51.3 26.3 78.9

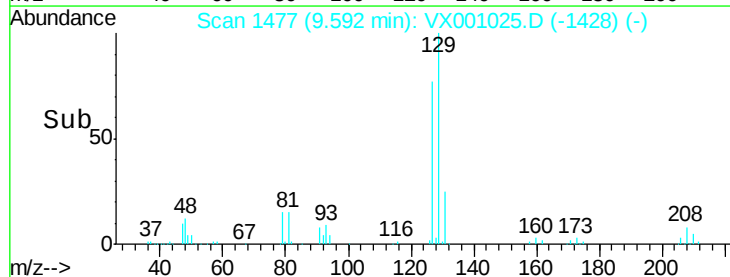
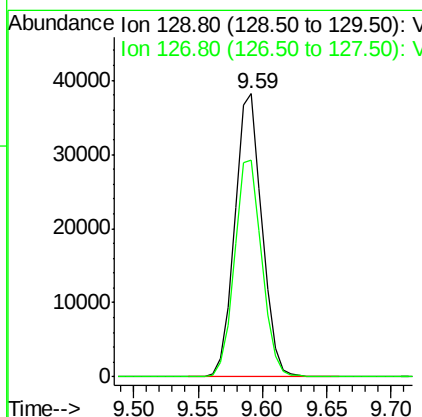
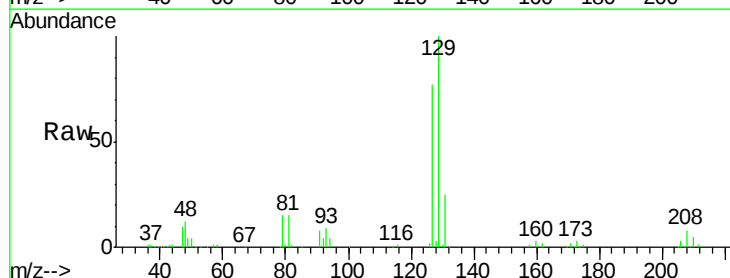
Manual Integrations
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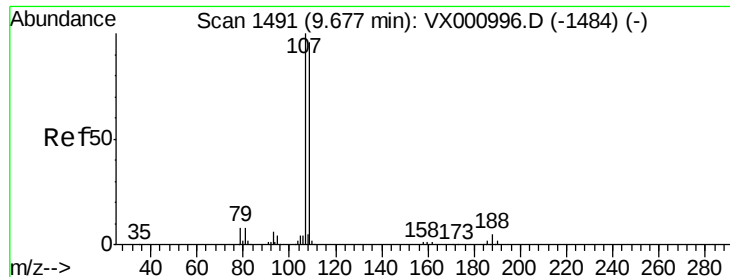
MMDadoda
4/23/2018 1:27:45 PM



#60
Dibromochloromethane
Concen: 19.80 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001025.D
Acq: 20 Apr 2018 23:04

Tgt Ion: 129 Resp: 55883
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.29 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS02

Tgt Ion: 107 Resp: 57558

Ion Ratio Lower Upper

107 100

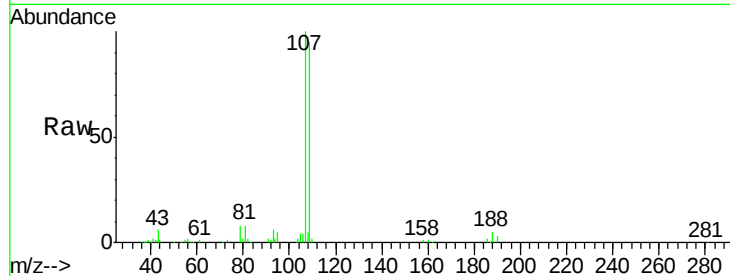
109 94.7 76.0 114.0

Manual Integrations

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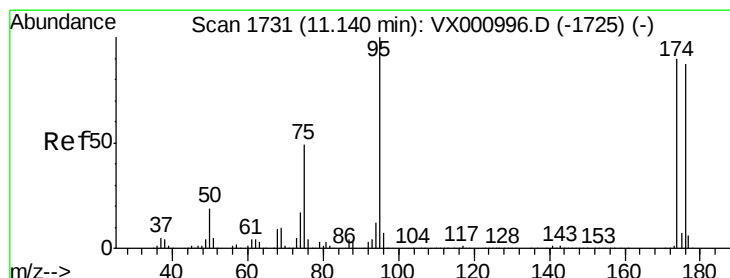
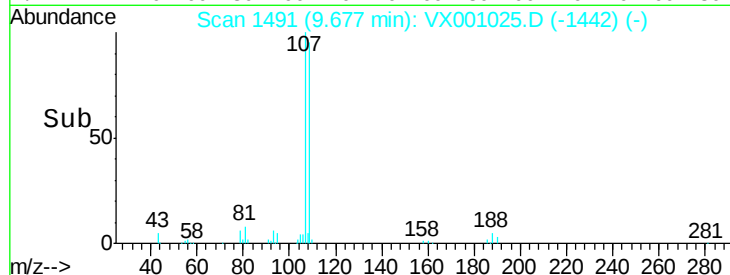
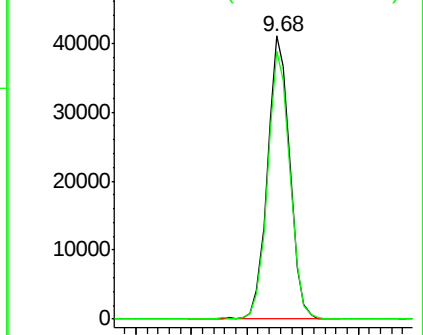
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.81 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

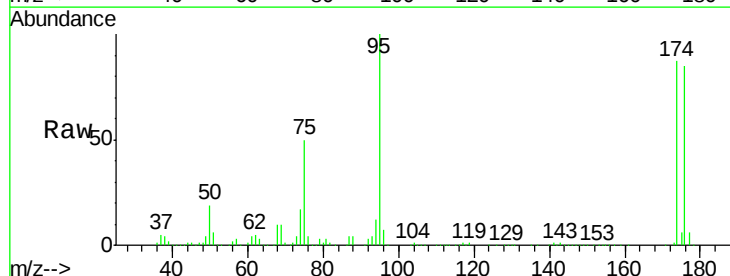
Tgt Ion: 95 Resp: 183139

Ion Ratio Lower Upper

95 100

174 96.9 0.0 198.4

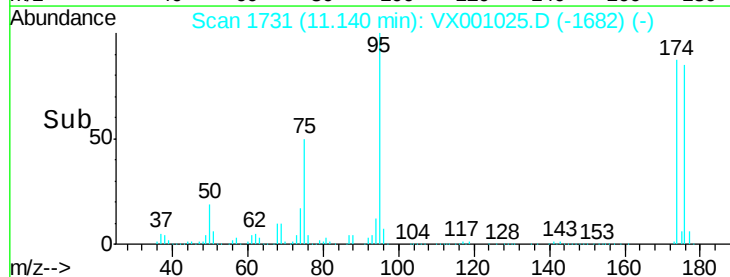
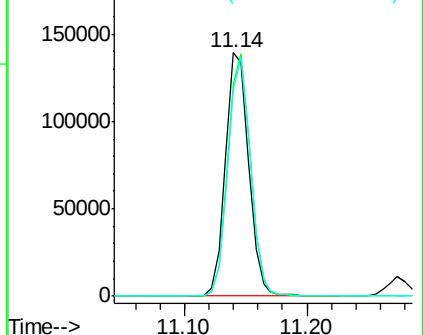
176 95.1 0.0 192.0

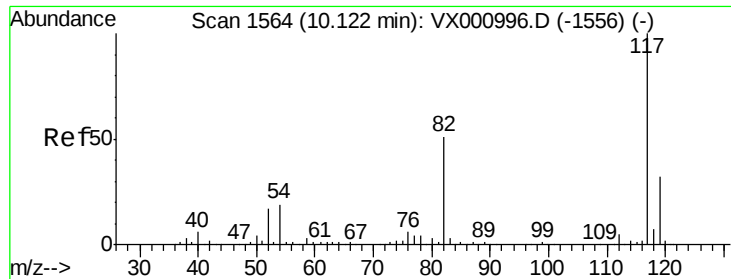


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





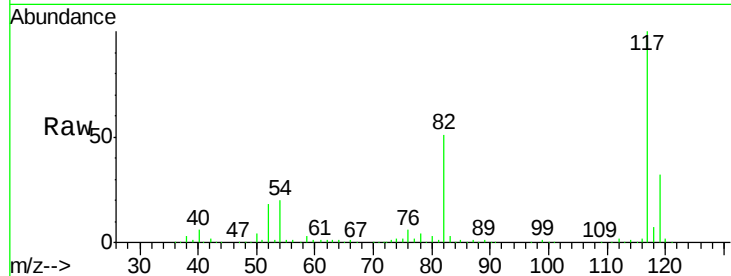
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001025.D
Acq: 20 Apr 2018 23:04

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.3	40.6	60.8
119	31.8	26.0	39.0

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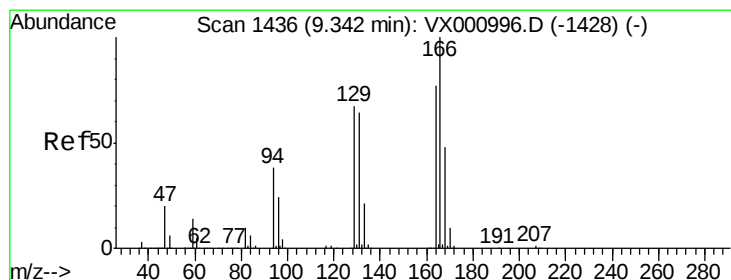
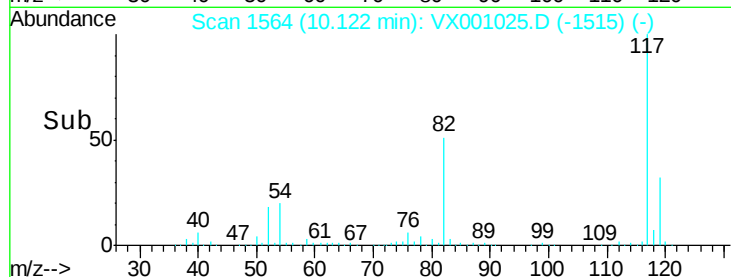
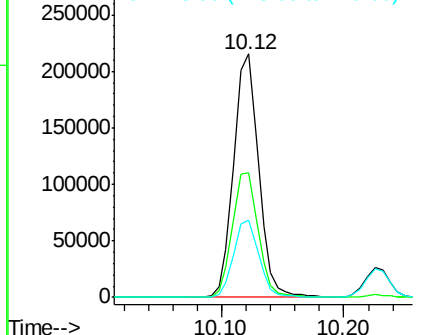


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.63 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001025.D
Acq: 20 Apr 2018 23:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.5	103.5	155.3
129	86.4	69.6	104.4
131	84.6	65.8	98.8

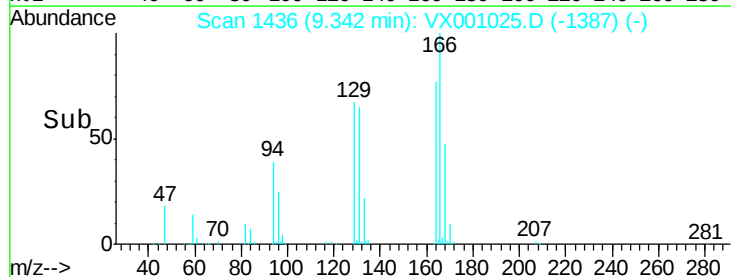
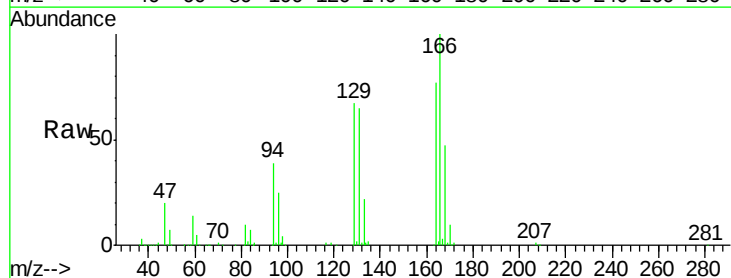
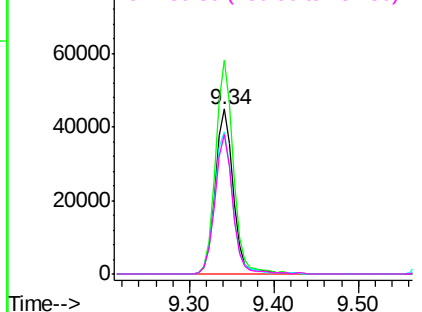
Abundance

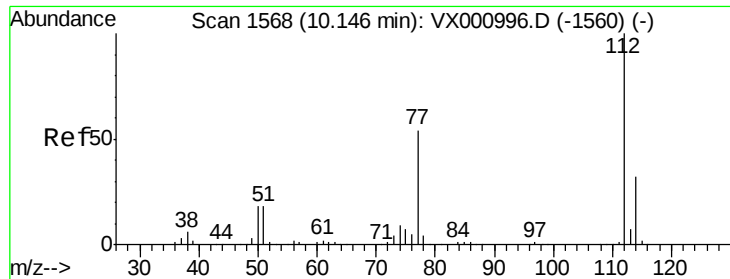
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.69 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS02

Tgt Ion:112 Resp: 159754

Ion Ratio Lower Upper

112 100

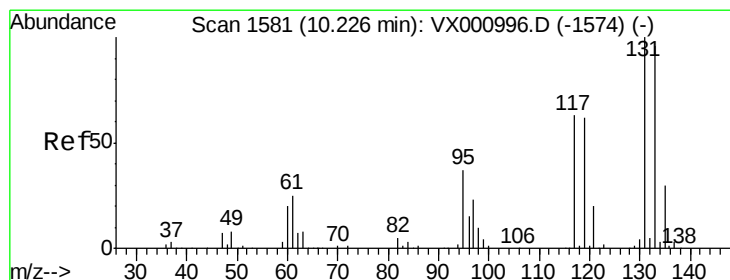
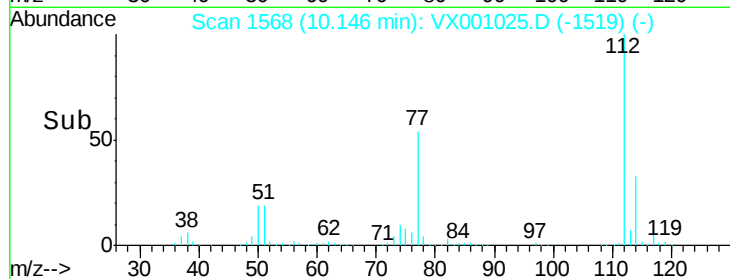
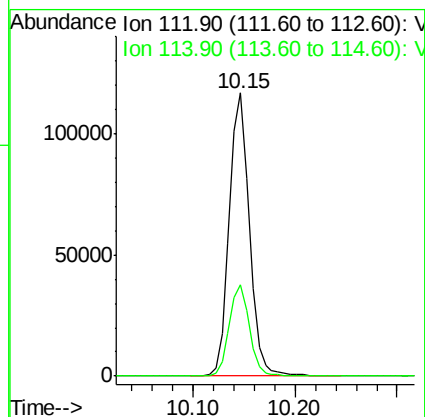
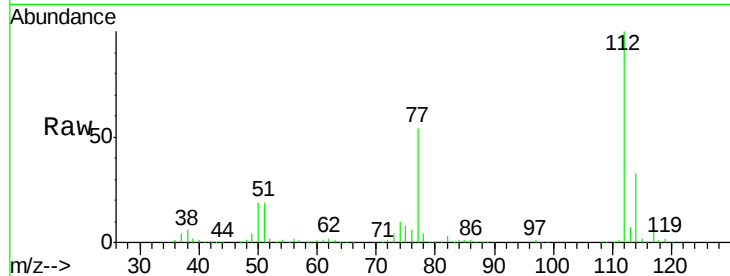
114 32.5 25.5 38.3

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.19 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

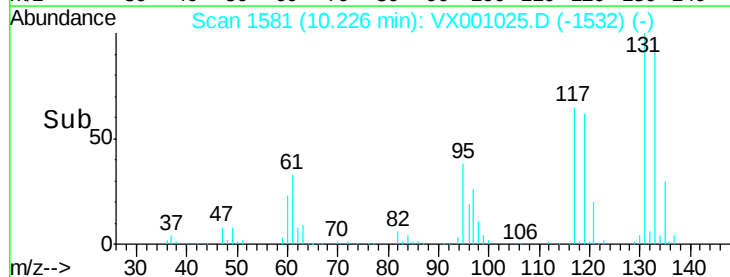
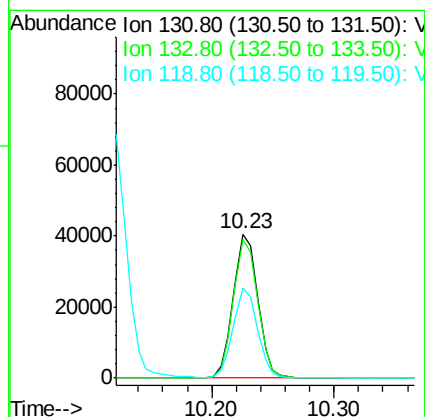
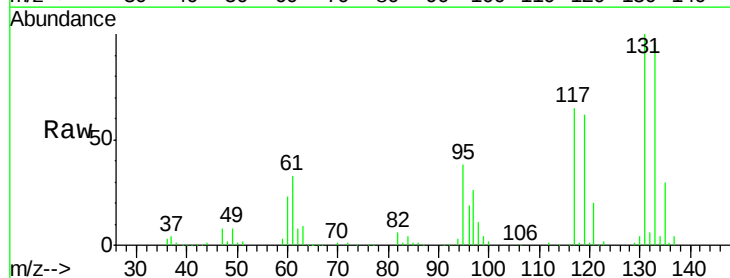
Tgt Ion:131 Resp: 56231

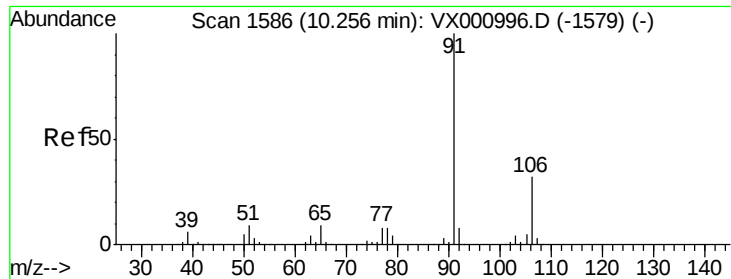
Ion Ratio Lower Upper

131 100

133 96.1 47.6 142.8

119 62.1 31.1 93.2





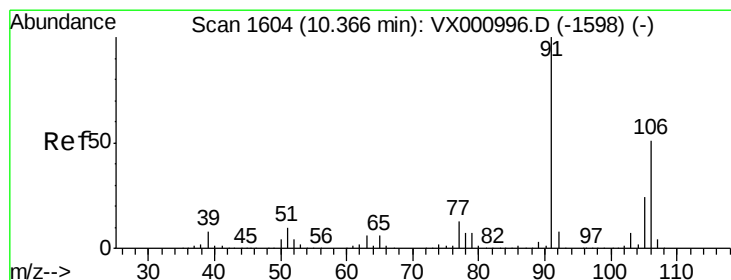
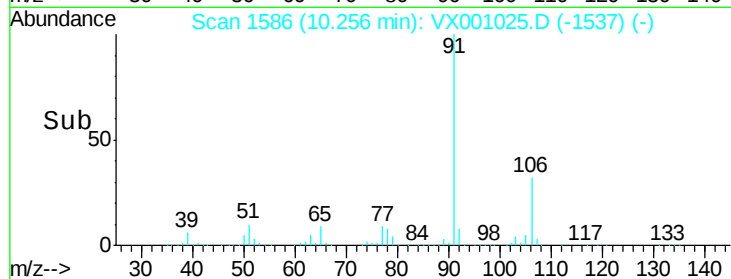
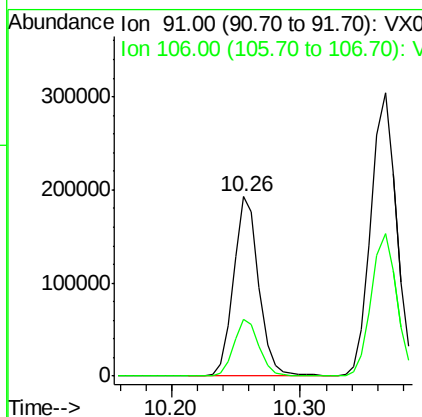
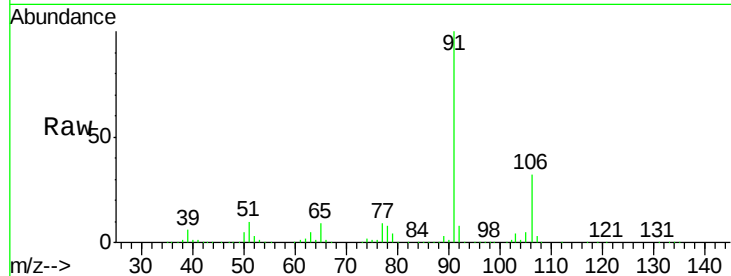
#67
Ethyl Benzene
Concen: 19.65 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001025.D
Acq: 20 Apr 2018 23:04

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS02

Tgt Ion: 91 Resp: 264728
Ion Ratio Lower Upper
91 100
106 31.7 25.7 38.5

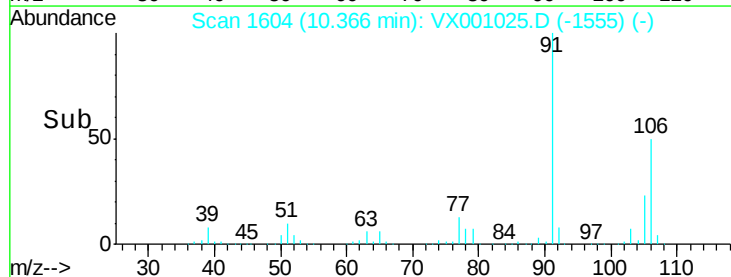
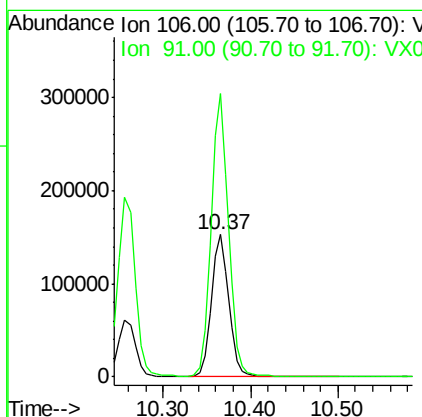
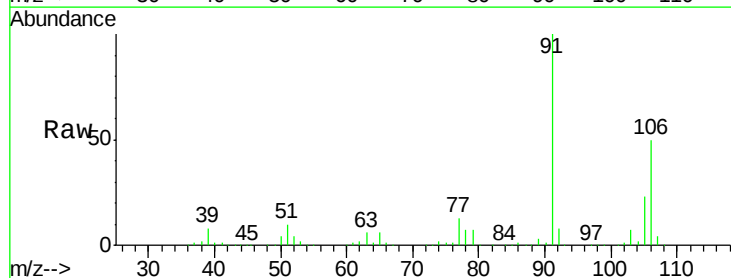
Manual Integrations
APPROVED

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4/23/2018 1:27:45 PM



#68
m/p-Xylenes
Concen: 39.75 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001025.D
Acq: 20 Apr 2018 23:04

Tgt Ion: 106 Resp: 211105
Ion Ratio Lower Upper
106 100
91 198.9 159.3 238.9





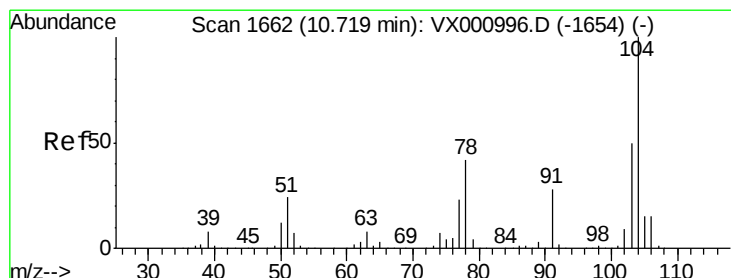
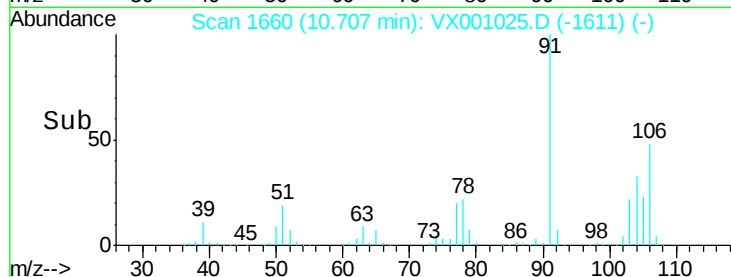
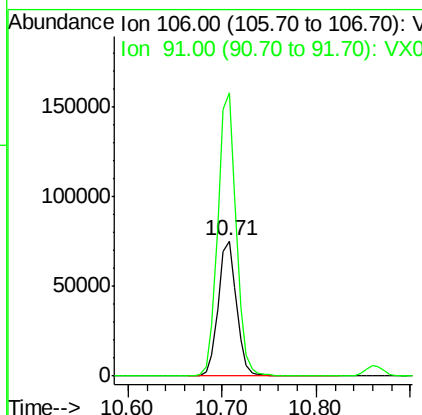
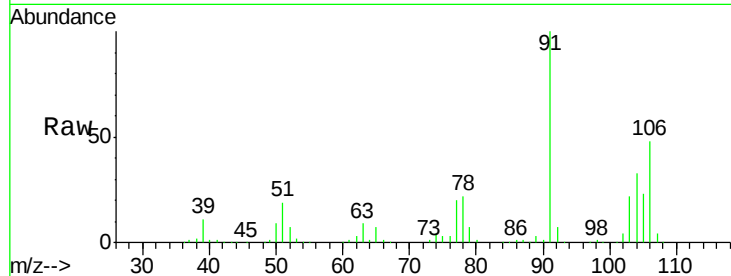
#69
o-Xylene
Concen: 19.86 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001025.D
Acq: 20 Apr 2018 23:04

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS02

Tgt Ion:106 Resp: 101689
Ion Ratio Lower Upper
106 100
91 210.8 105.1 315.1

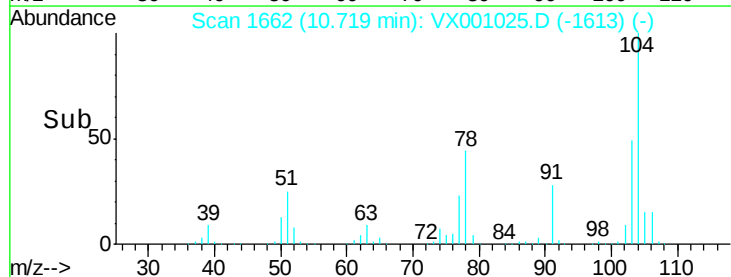
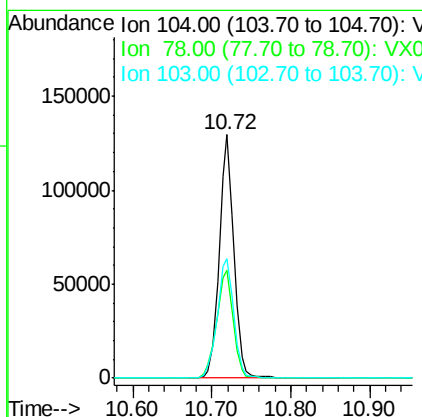
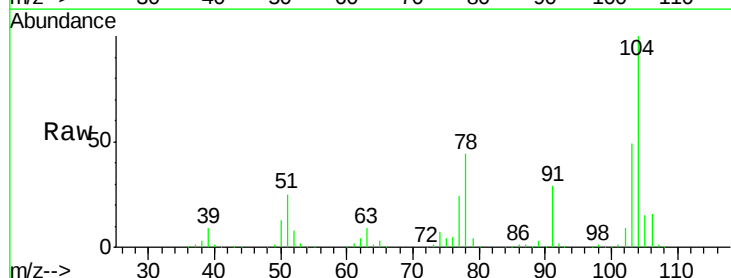
Manual Integrations
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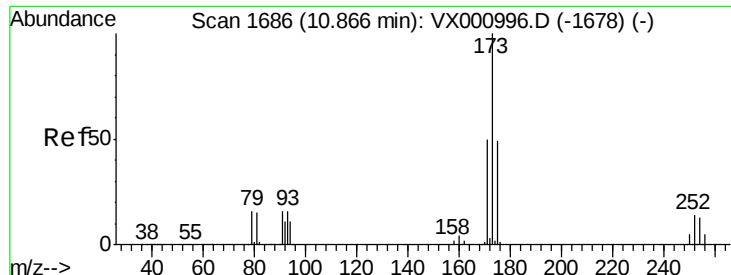
MMDadoda
4/23/2018 1:27:45 PM



#70
Styrene
Concen: 19.82 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001025.D
Acq: 20 Apr 2018 23:04

Tgt Ion:104 Resp: 167143
Ion Ratio Lower Upper
104 100
78 50.8 39.4 59.2
103 55.8 44.2 66.2





#71

Bromoform

Concen: 18.53 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS02

Tgt Ion:173 Resp: 43349

Ion Ratio Lower Upper

173 100

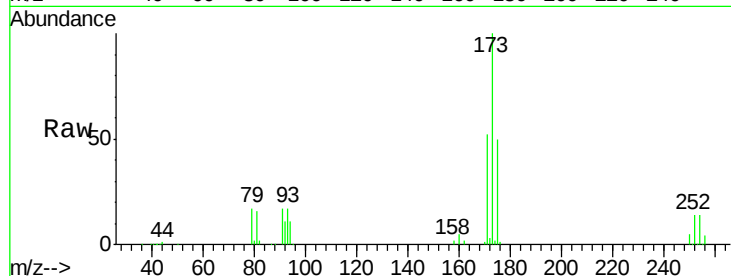
175 49.0 24.8 74.3

254 0.1 0.2 0.2#

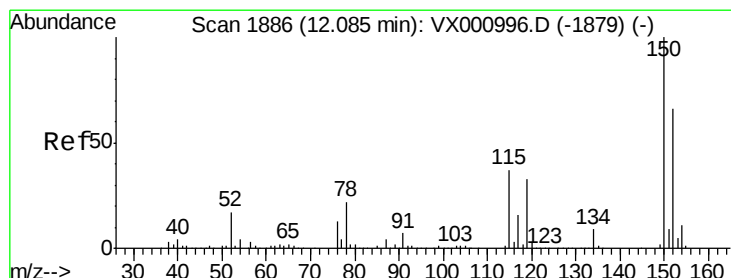
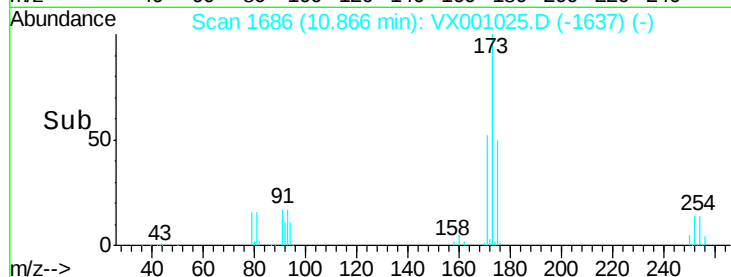
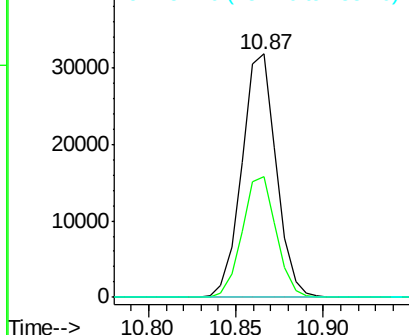
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

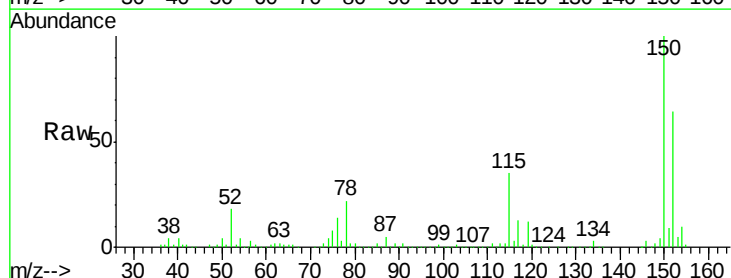
Tgt Ion:152 Resp: 209295

Ion Ratio Lower Upper

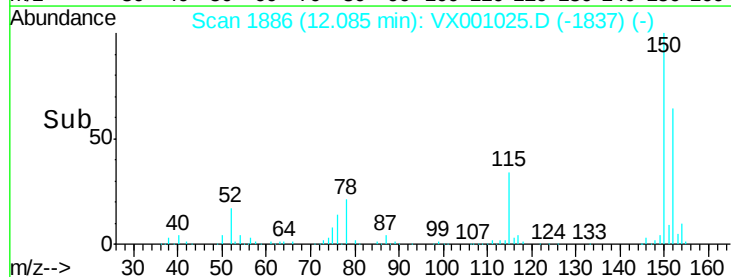
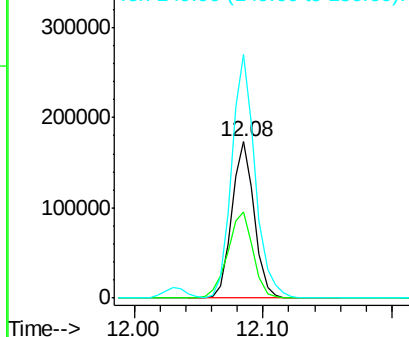
152 100

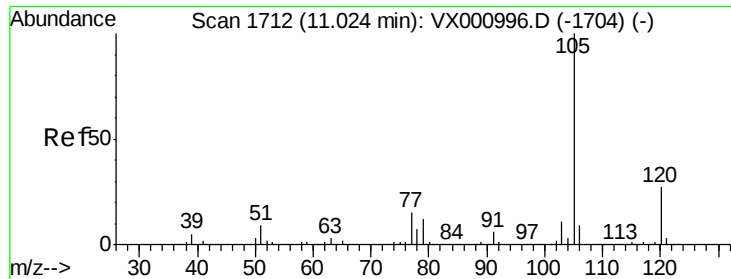
115 63.0 38.2 114.6

150 163.7 0.0 350.4



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





#73

Isopropylbenzene

Concen: 19.84 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS02

Tgt Ion: 105 Resp: 271420

Ion Ratio Lower Upper

105 100

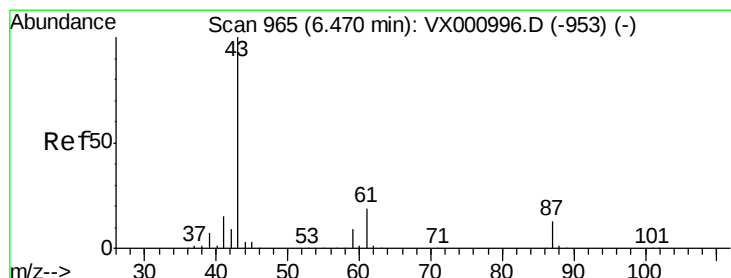
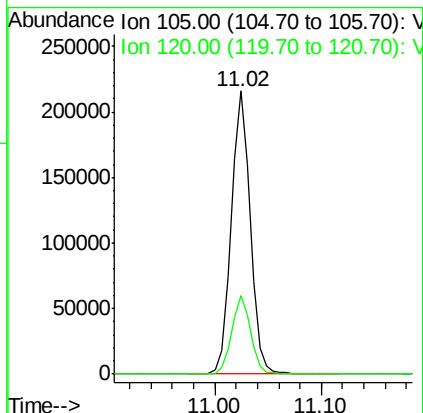
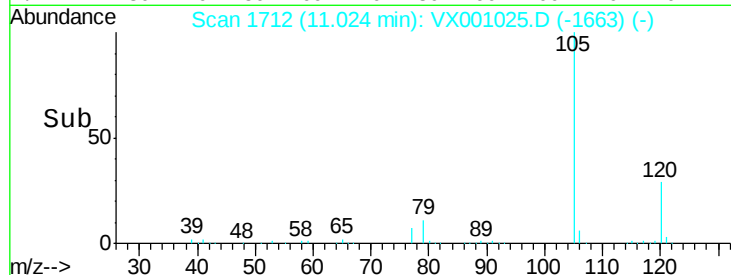
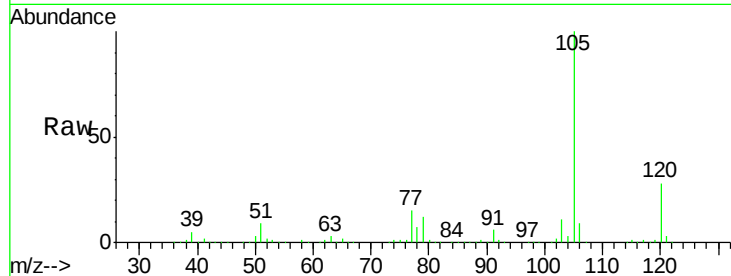
120 27.6 13.4 40.2

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.50 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Tgt Ion: 43 Resp: 114114

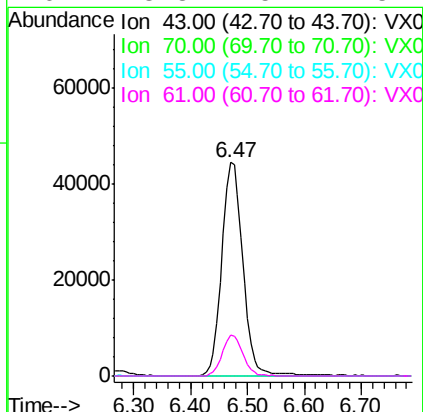
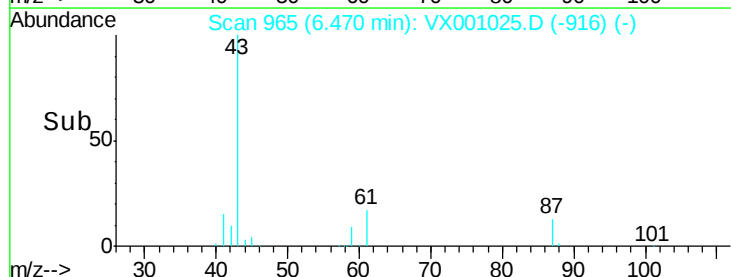
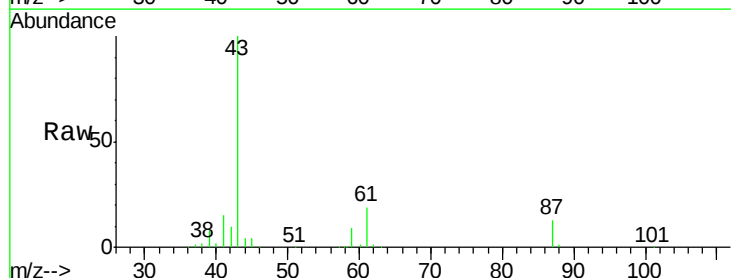
Ion Ratio Lower Upper

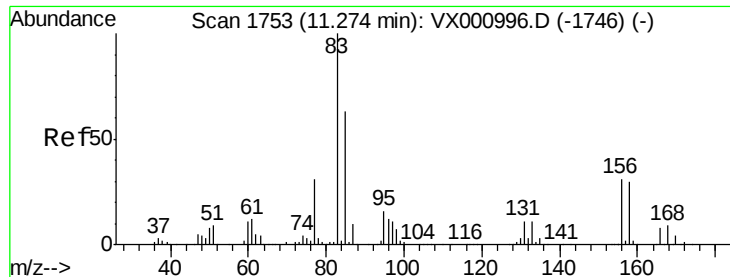
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 18.8 15.4 23.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.06 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Instrument :

MSVOA_X

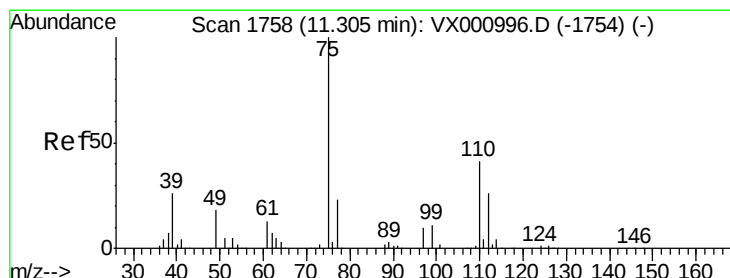
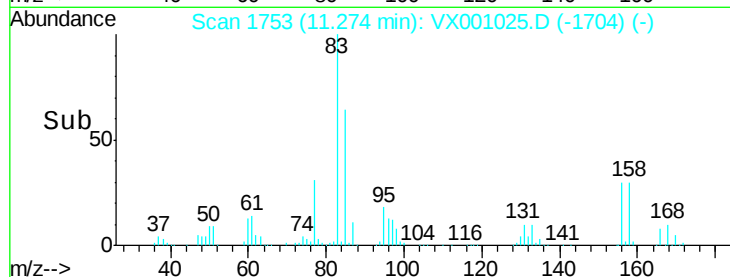
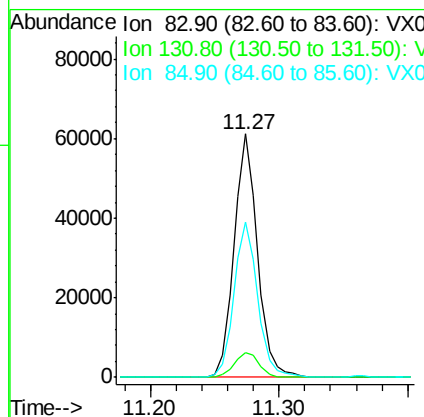
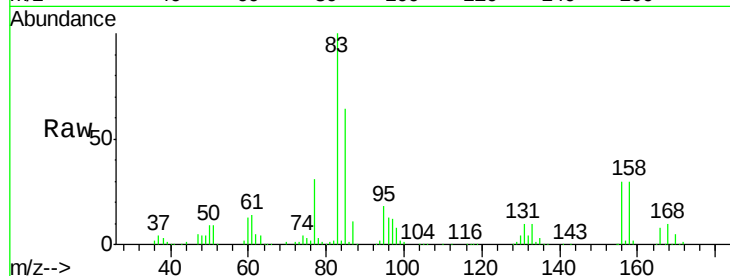
ClientSampleId :

VX0420WBS02

Tgt Ion:	83	Resp:	77706
Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.8	17.4
85	64.9	32.0	96.2

Manual Integrations
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4/23/2018 1:27:45 PM



#76

1,2,3-Trichloropropane

Concen: 19.98 ug/l m

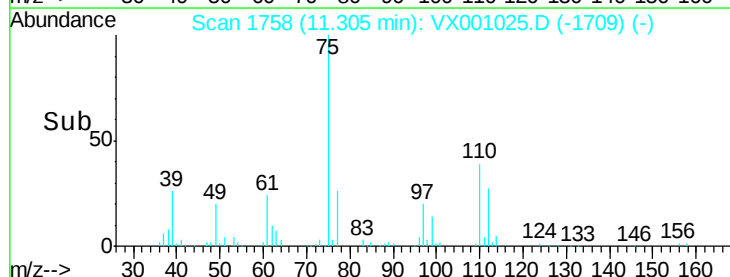
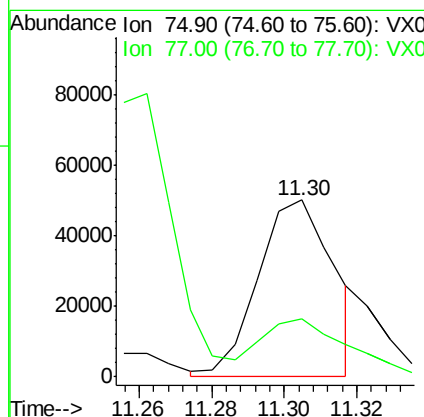
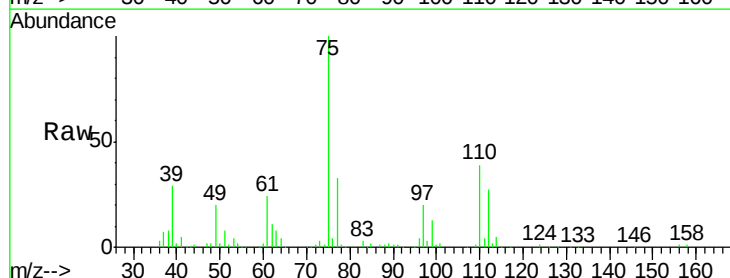
RT: 11.30 min Scan# 1758

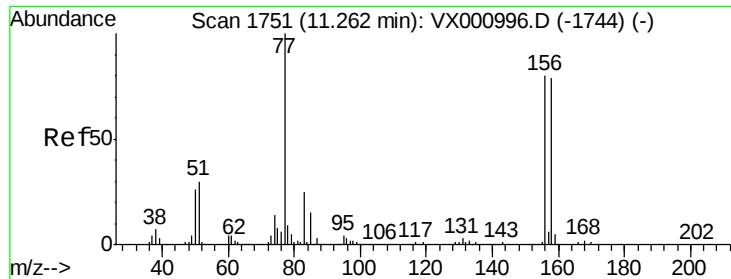
Delta R.T. -0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Tgt Ion:	75	Resp:	72553
Ion	Ratio	Lower	Upper
75	100		
77	37.6	19.6	58.7





#77

Bromobenzene

Concen: 19.86 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Instrument :

MSVOA_X

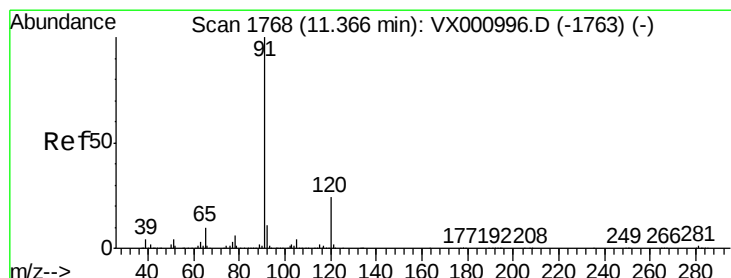
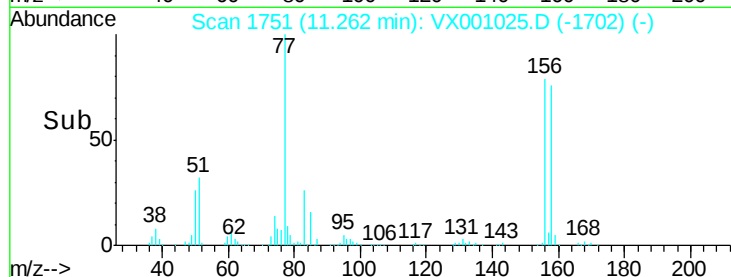
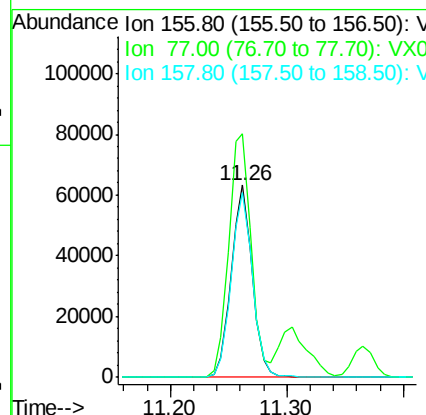
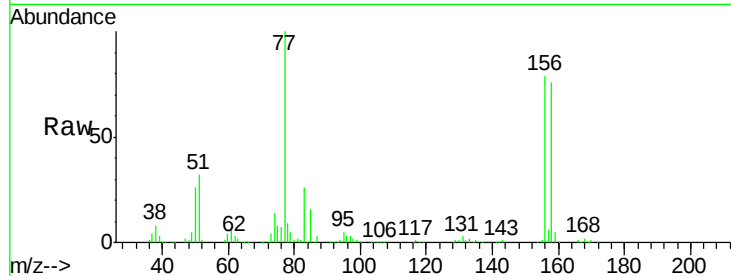
ClientSampleId :

VX0420WBS02

Tgt Ion	Ratio	Lower	Upper
156	100		
77	136.1	66.3	199.0
158	98.0	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 19.76 ug/l

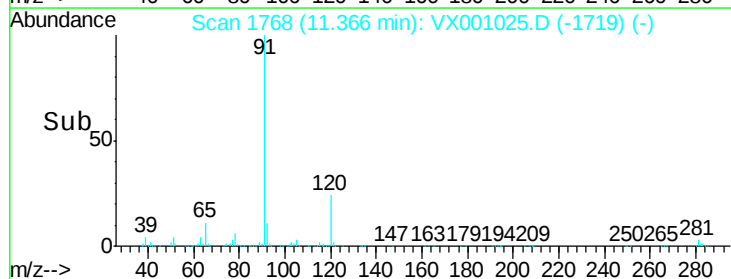
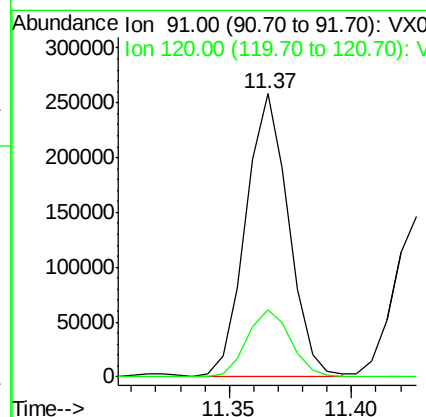
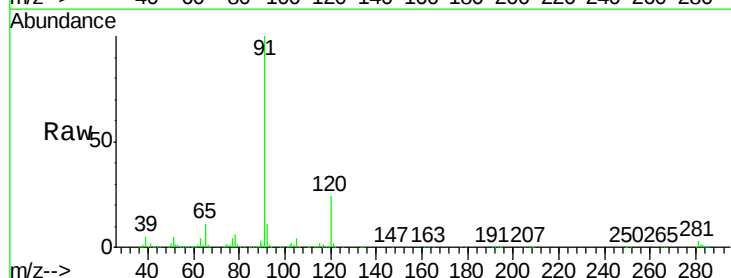
RT: 11.37 min Scan# 1768

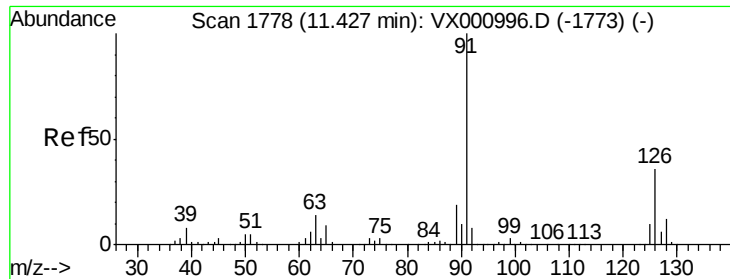
Delta R.T. 0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.4	37.0





#79

2-Chlorotoluene

Concen: 19.83 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS02

Tgt Ion: 91 Resp: 184040

Ion Ratio Lower Upper

91 100

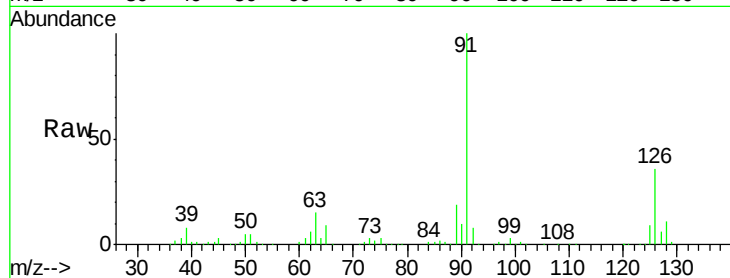
126 36.3 18.3 54.9

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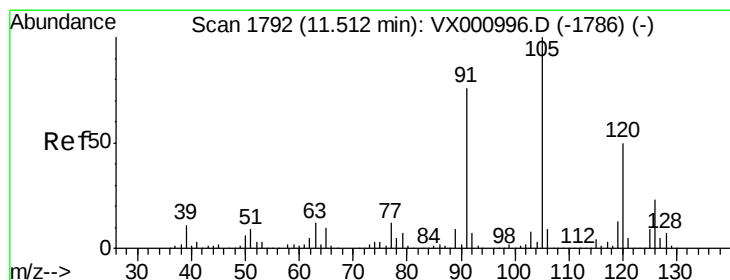
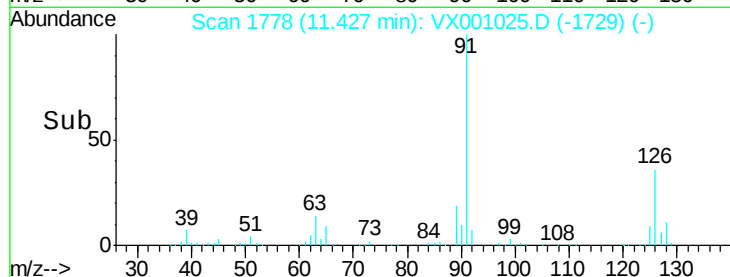
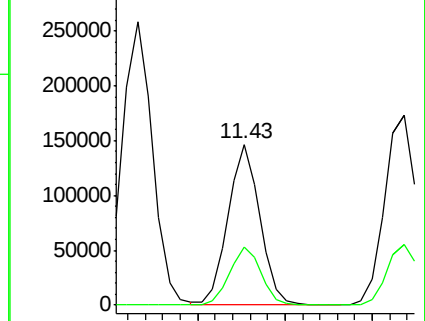
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.98 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001025.D

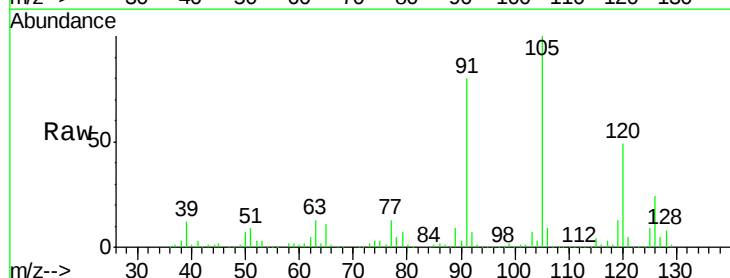
Acq: 20 Apr 2018 23:04

Tgt Ion: 105 Resp: 231705

Ion Ratio Lower Upper

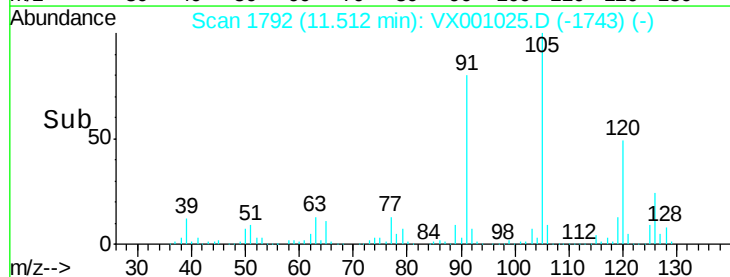
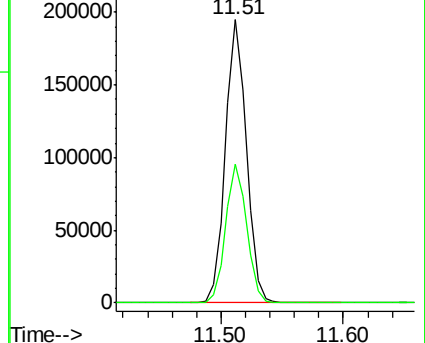
105 100

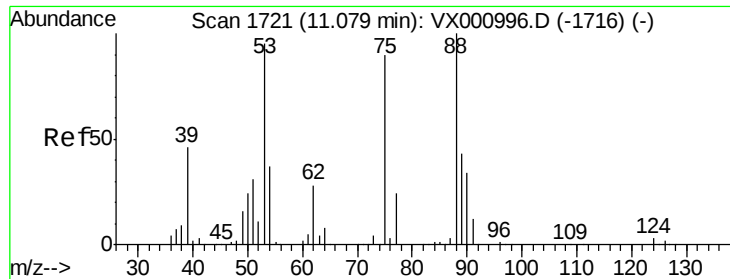
120 49.5 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 16.82 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS02

Tgt Ion: 75 Resp: 17175

Ion Ratio Lower Upper

75 100

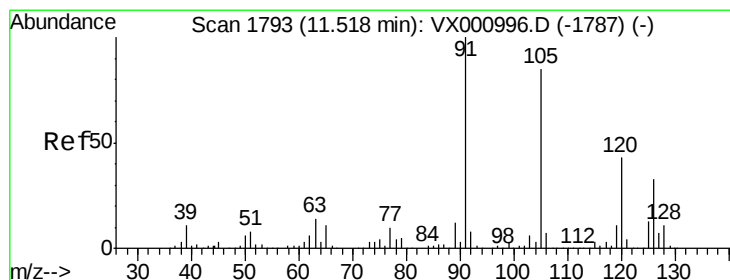
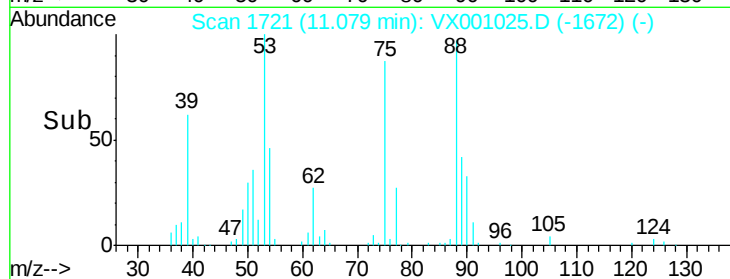
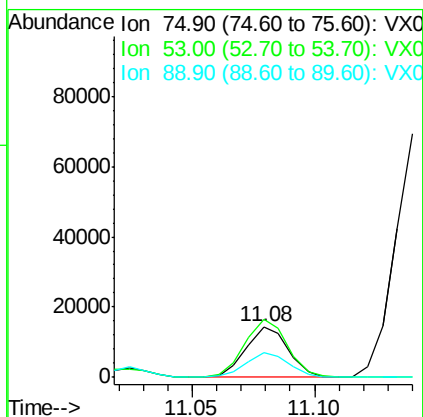
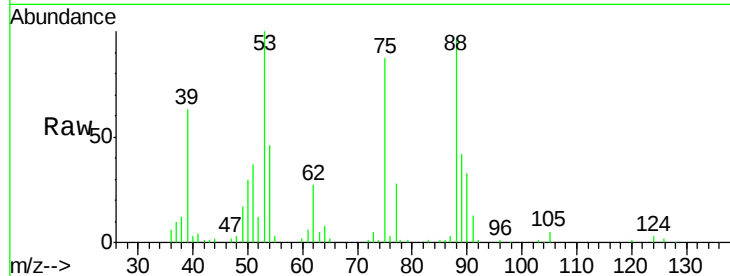
53 116.4 83.4 125.2

89 49.3 39.7 59.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.83 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001025.D

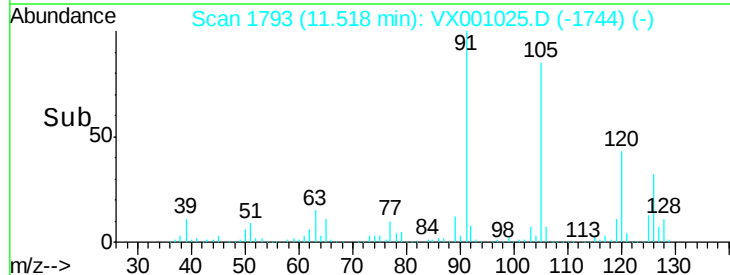
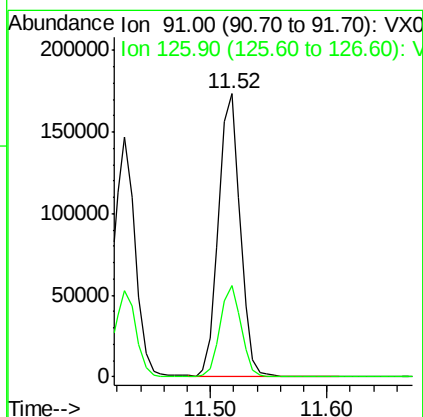
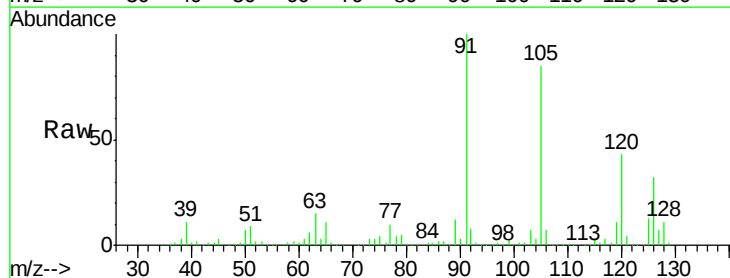
Acq: 20 Apr 2018 23:04

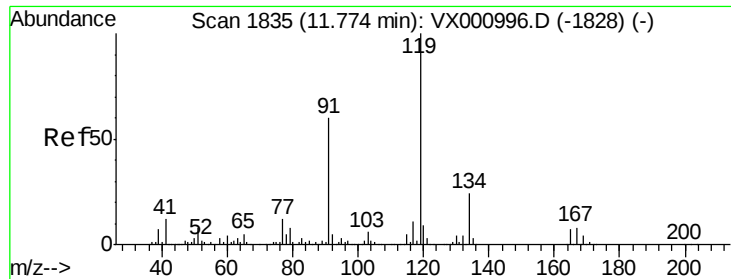
Tgt Ion: 91 Resp: 222408

Ion Ratio Lower Upper

91 100

126 31.5 16.2 48.5





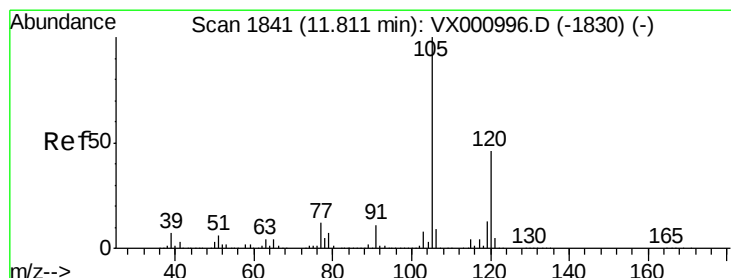
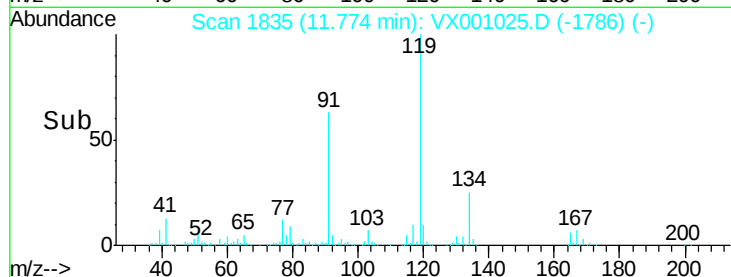
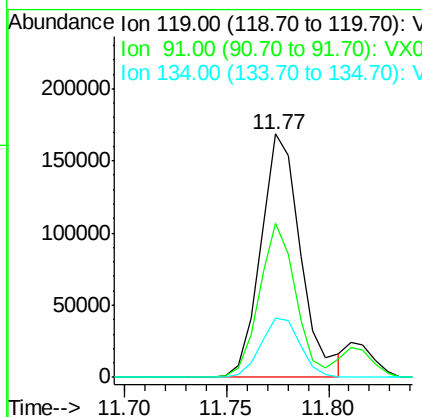
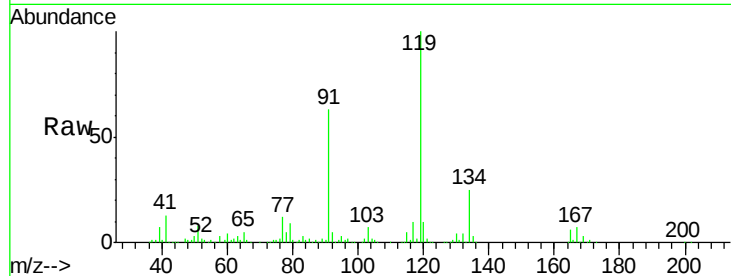
#83
 tert-Butylbenzene
 Concen: 19.65 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001025.D
 Acq: 20 Apr 2018 23:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	229929		
91	57.6	27.0	81.0	
134	24.0	11.6	34.7	

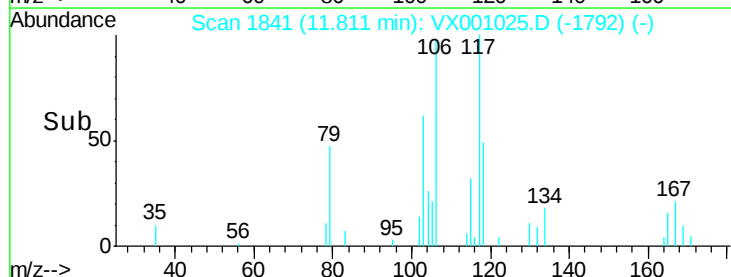
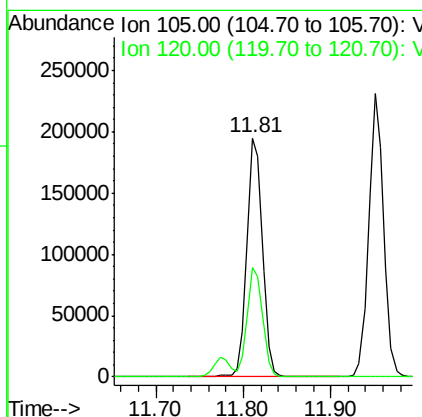
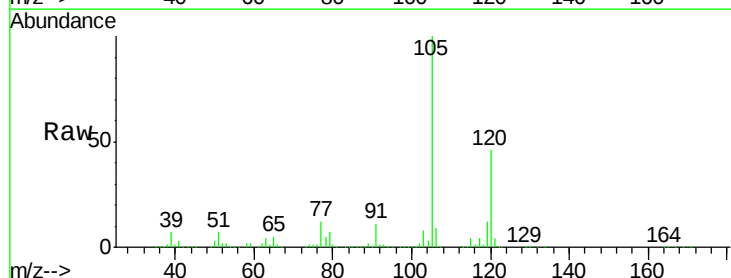
Manual Integrations
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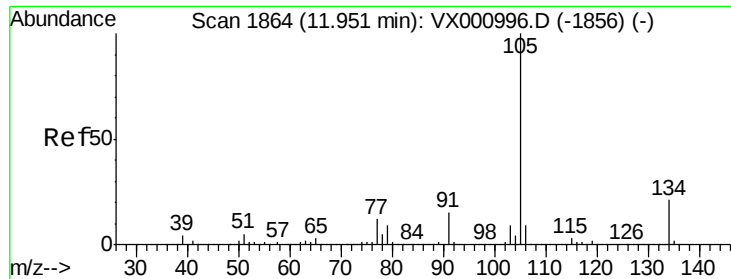
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.12 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001025.D
 Acq: 20 Apr 2018 23:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	240132		
120	44.9	23.0	69.0	





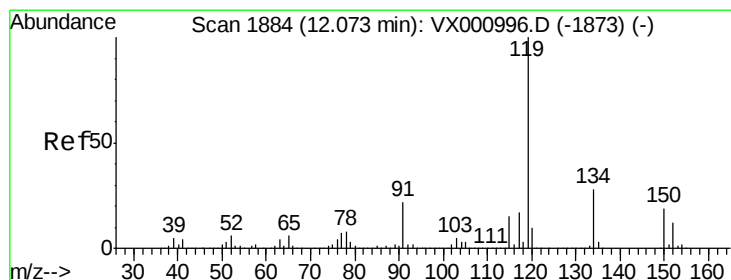
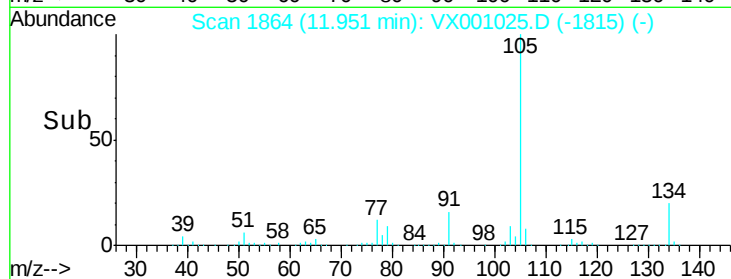
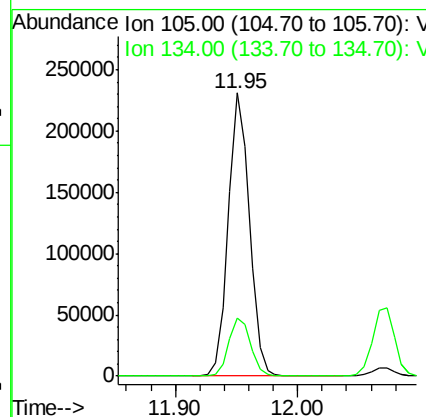
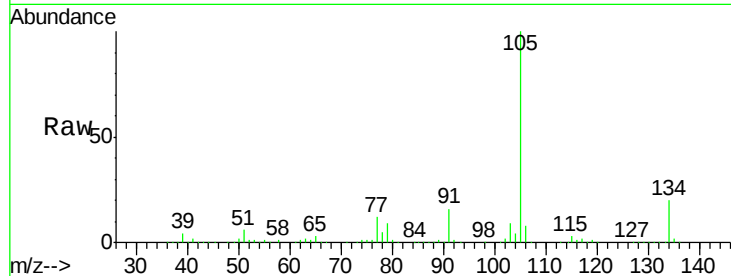
#85
 sec-Butylbenzene
 Concen: 19.82 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001025.D
 Acq: 20 Apr 2018 23:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS02

Tgt Ion:105 Resp: 276754
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.5 31.6

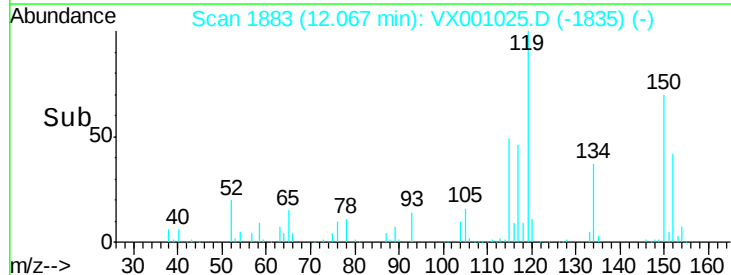
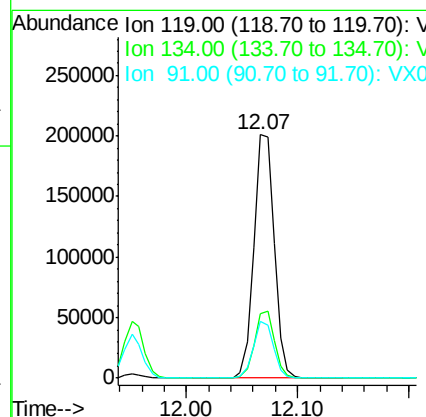
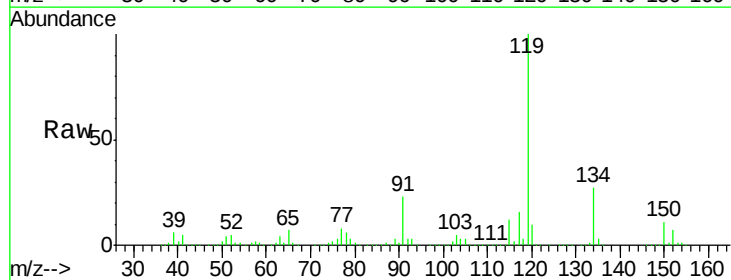
Manual Integrations
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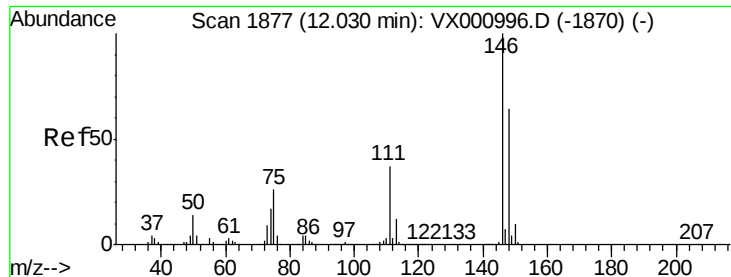
MMDadoda
 4/23/2018 1:27:45 PM



#86
 p-Isopropyltoluene
 Concen: 19.73 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001025.D
 Acq: 20 Apr 2018 23:04

Tgt Ion:119 Resp: 254919
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.5
 91 23.0 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 19.59 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Instrument :

MSVOA_X

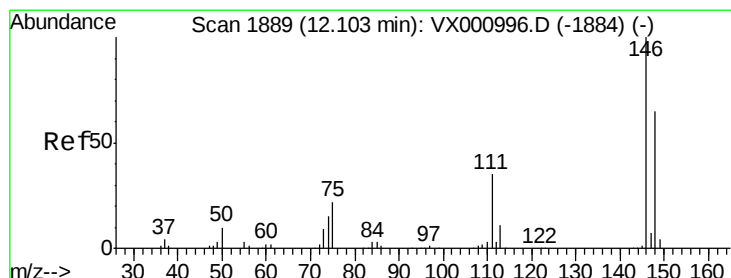
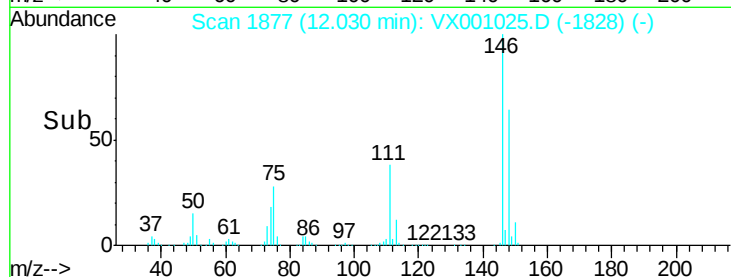
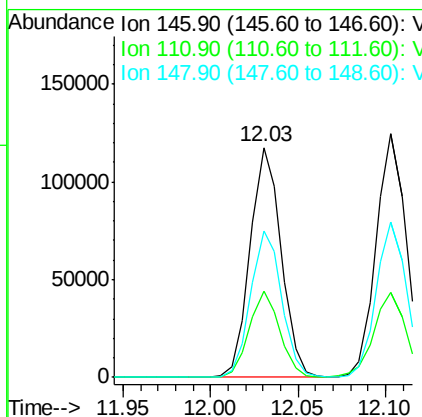
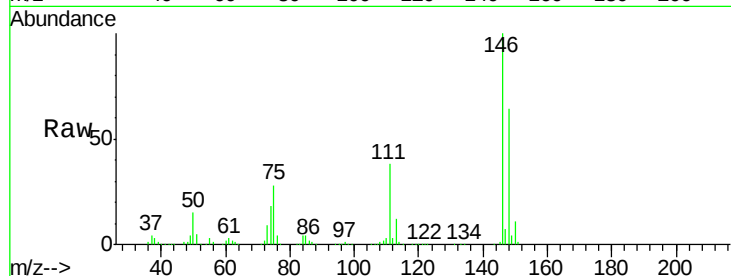
ClientSampleId :

VX0420WBS02

Tgt Ion:	146	Resp:	145686
Ion Ratio	Lower	Upper	
146	100		
111	36.8	18.3	54.8
148	63.5	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.63 ug/l

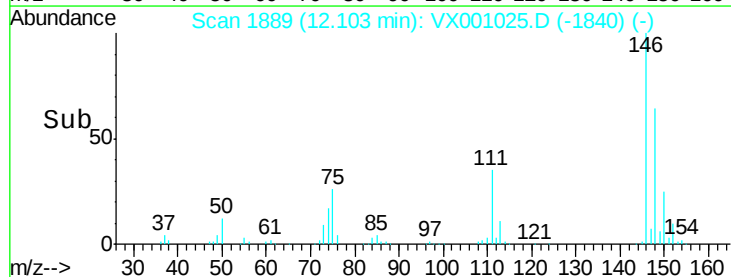
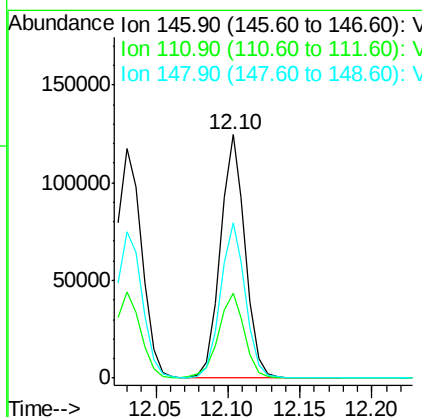
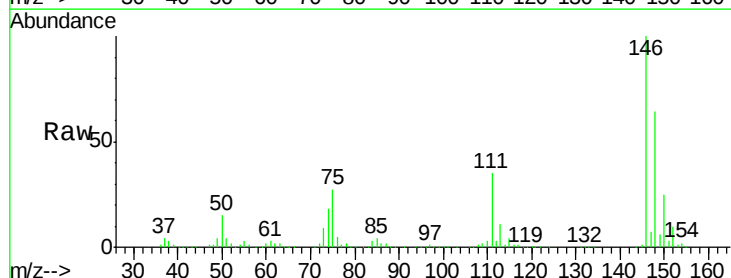
RT: 12.10 min Scan# 1889

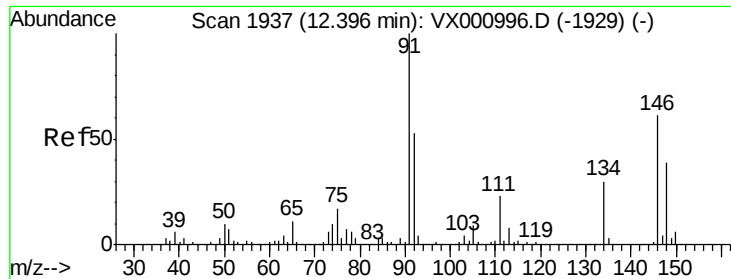
Delta R.T. 0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Tgt Ion:	146	Resp:	149850
Ion Ratio	Lower	Upper	
146	100		
111	36.8	18.0	54.0
148	64.3	32.4	97.0





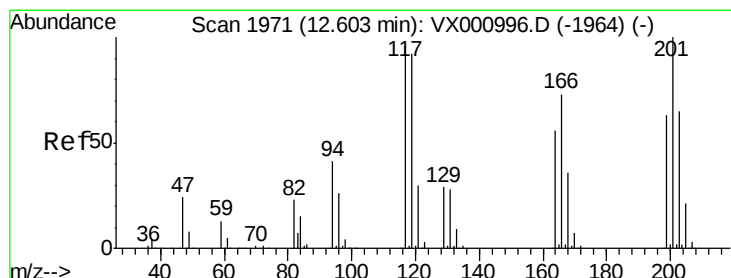
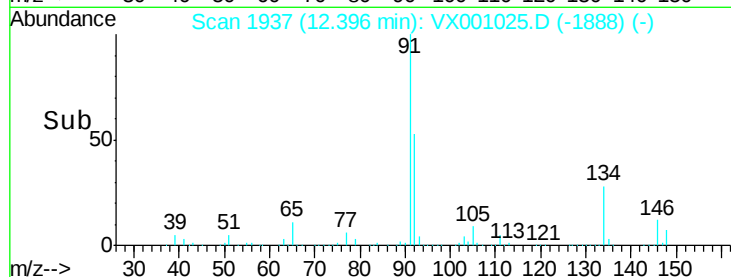
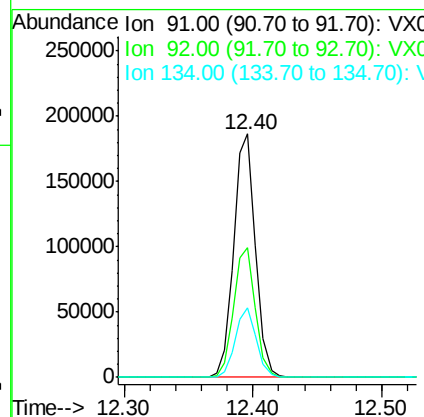
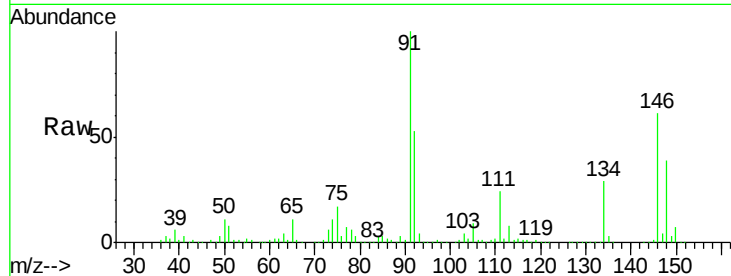
#89
n-Butylbenzene
Concen: 19.23 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001025.D
Acq: 20 Apr 2018 23:04

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS02

Tgt Ion: 91 Resp: 221067
Ion Ratio Lower Upper
91 100
92 53.3 26.3 78.9
134 27.9 14.4 43.0

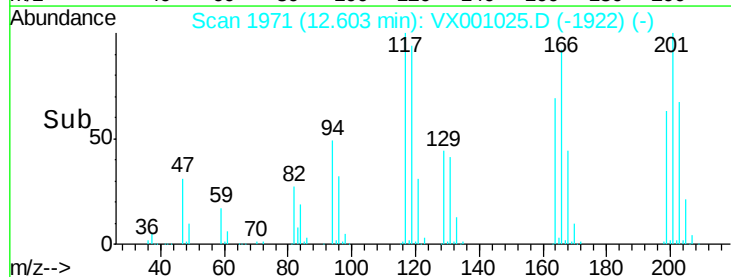
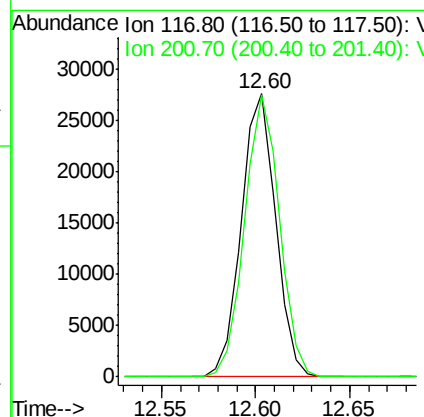
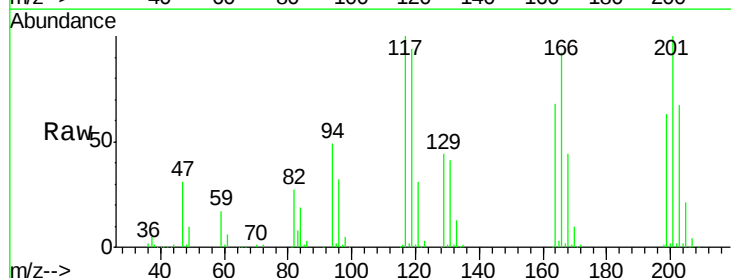
Manual Integrations
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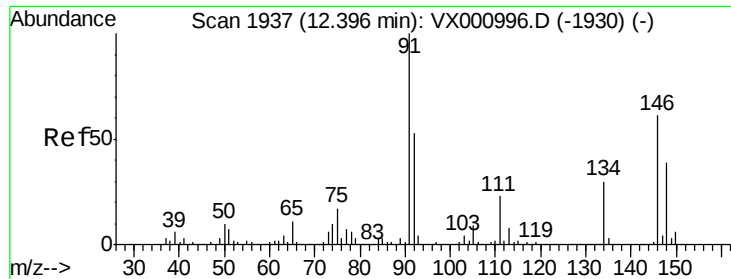
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#90
Hexachloroethane
Concen: 19.05 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001025.D
Acq: 20 Apr 2018 23:04

Tgt Ion: 117 Resp: 34868
Ion Ratio Lower Upper
117 100
201 101.2 52.3 157.1





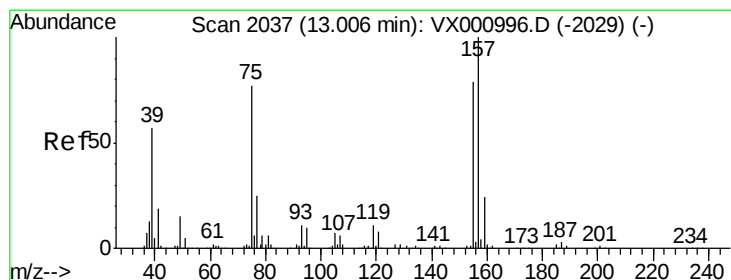
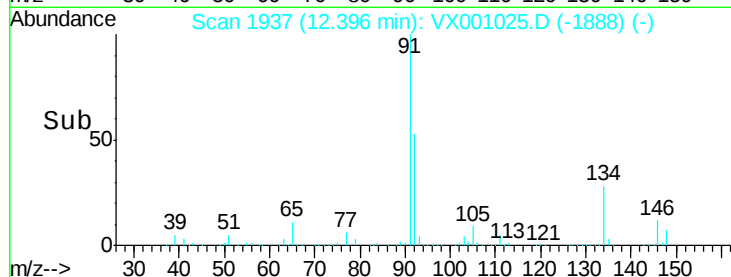
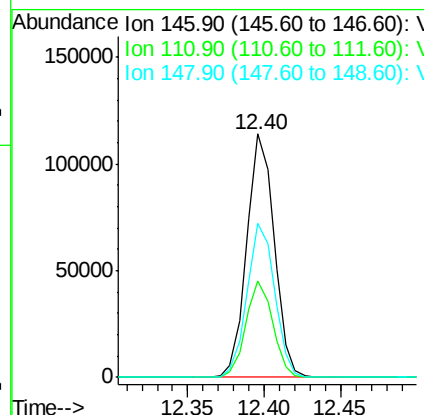
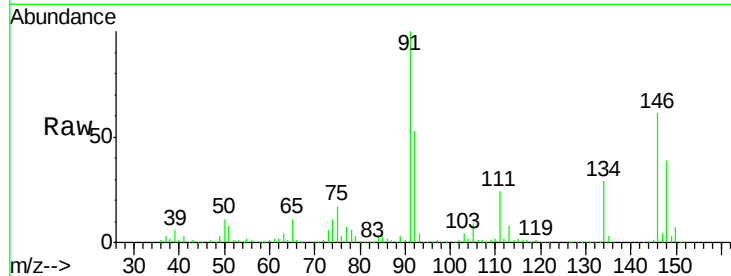
#91
 1,2-Dichlorobenzene
 Concen: 19.75 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001025.D
 Acq: 20 Apr 2018 23:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	142199		
111	38.6	18.6	56.0	
148	63.7	32.3	96.8	

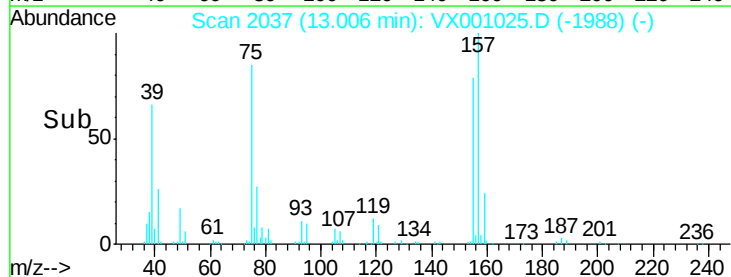
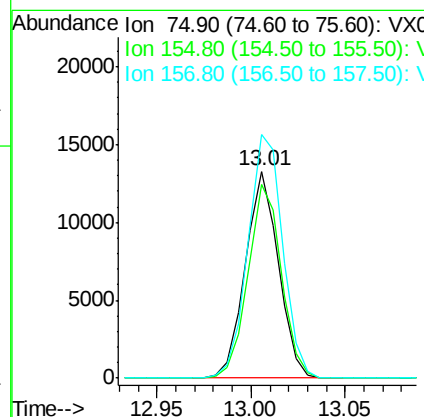
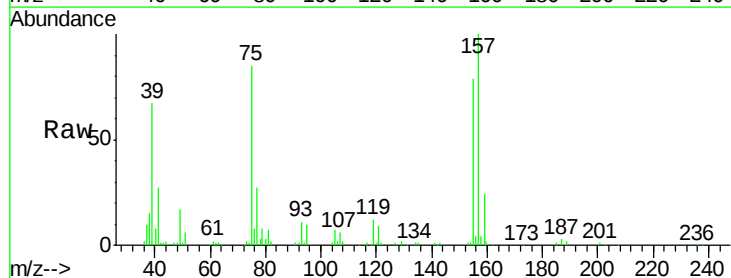
Manual Integrations
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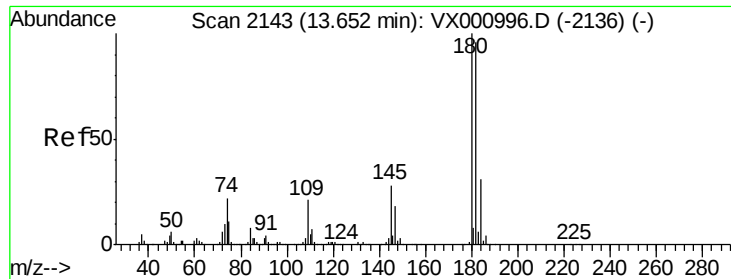
MMDadoda
 4/23/2018 1:27:45 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.91 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001025.D
 Acq: 20 Apr 2018 23:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16153		
155	94.0	51.0	153.0	
157	123.8	64.9	194.7	





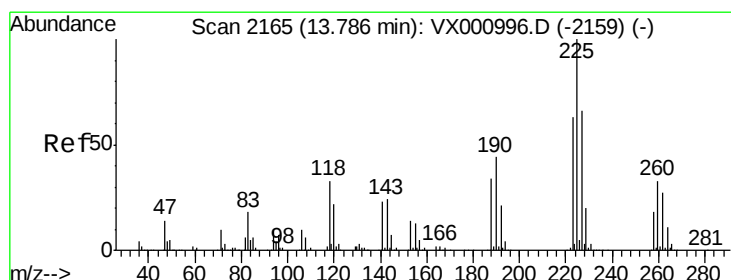
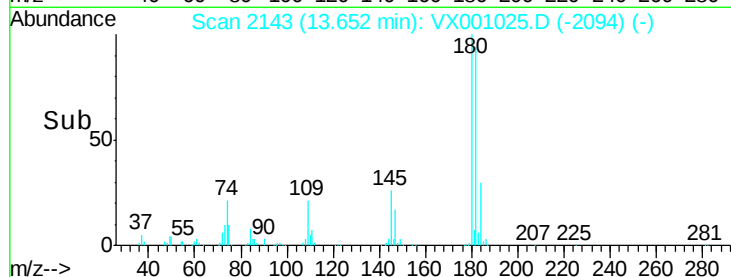
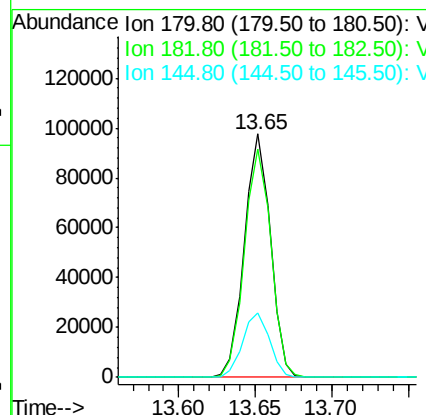
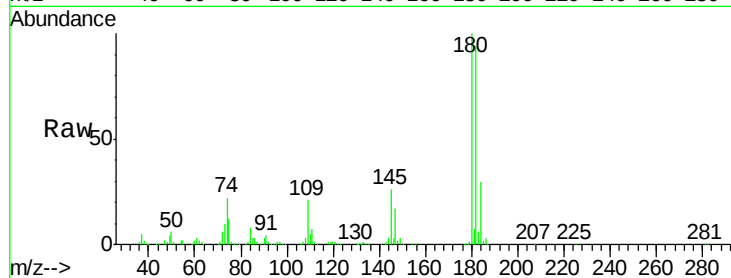
#93
 1,2,4-Trichlorobenzene
 Concen: 19.10 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001025.D
 Acq: 20 Apr 2018 23:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	115440		
182	95.4	48.0	144.0	
145	27.2	13.9	41.7	

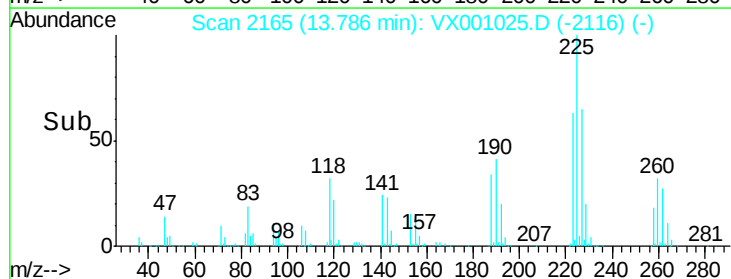
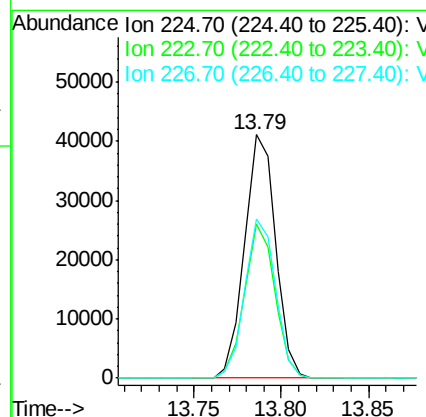
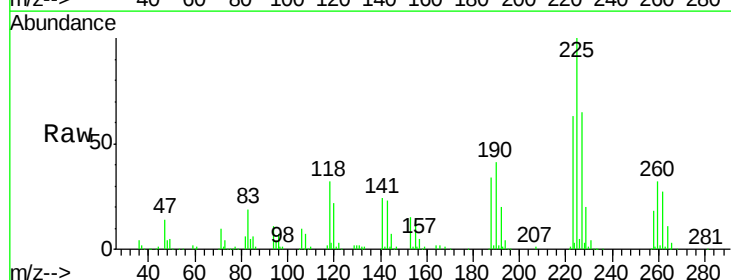
Manual Integrations
 APPROVED

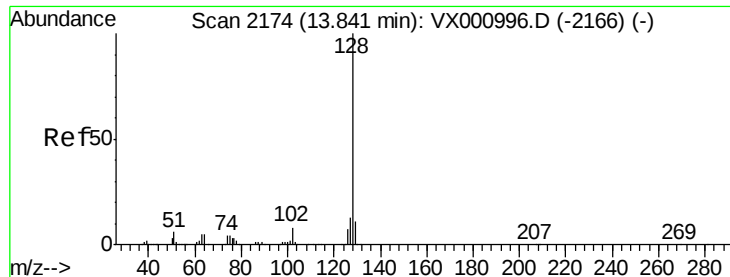
MMDadoda
 4/23/2018 1:27:45 PM



#94
 Hexachlorobutadiene
 Concen: 18.58 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001025.D
 Acq: 20 Apr 2018 23:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	50789		
223	61.9	31.5	94.5	
227	64.7	32.6	97.8	





#95

Naphthalene

Concen: 19.94 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Instrument :

MSVOA_X

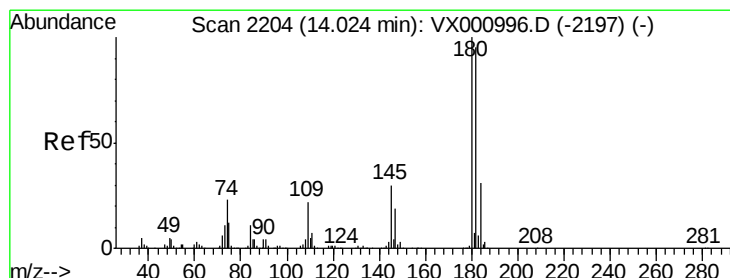
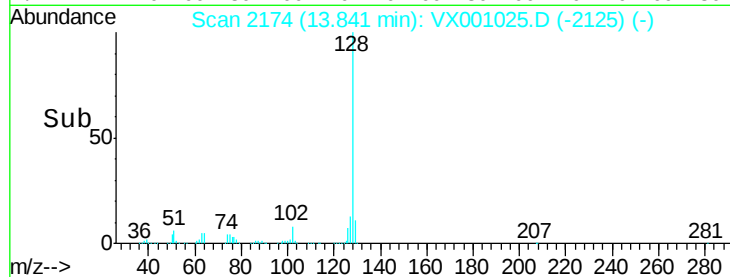
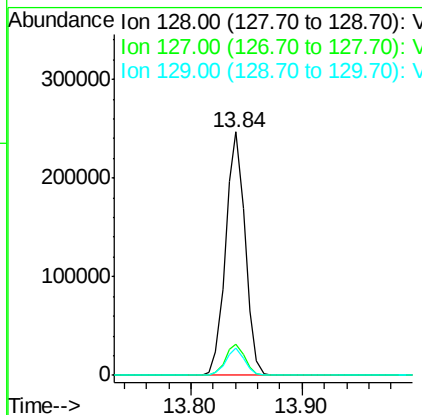
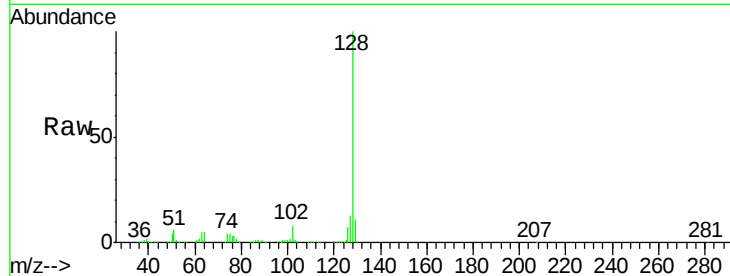
ClientSampleId :

VX0420WBS02

Tgt Ion:	128	Resp:	296362
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:45 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.20 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001025.D

Acq: 20 Apr 2018 23:04

Tgt Ion:	180	Resp:	112210
Ion Ratio	Lower	Upper	
180	100		
182	96.9	47.9	143.7
145	29.3	14.5	43.6

