

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032818\
 Data File : VX000482.D
 Acq On : 28 Mar 2018 12:13
 Operator : JC/MD
 Sample : VX0328WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/29/2018 11:19:40 AM

Quant Time: Mar 29 04:24:15 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	132861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	203681	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	222186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	124623	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	75088	43.30	ug/l	0.00
Spiked Amount						
			Recovery	=	86.60%	
35) Dibromofluoromethane	5.51	113	59758	46.56	ug/l	0.00
Spiked Amount						
			Recovery	=	93.12%	
50) Toluene-d8	8.72	98	253561	47.70	ug/l	0.00
Spiked Amount						
			Recovery	=	95.40%	
62) 4-Bromofluorobenzene	11.15	95	98203	44.50	ug/l	0.00
Spiked Amount						
			Recovery	=	89.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	28859	19.71	ug/l	98
3) Chloromethane	1.32	50	29448	19.09	ug/l	97
4) Vinyl Chloride	1.40	62	34591	21.22	ug/l	97
5) Bromomethane	1.64	94	26089	13.40	ug/l	91
6) Chloroethane	1.73	64	22461	24.29	ug/l	90
7) Trichlorofluoromethane	1.93	101	60362	20.52	ug/l	99
8) Diethyl Ether	2.19	74	20682	19.67	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	33714	20.55	ug/l	97
10) Methyl Iodide	2.51	142	18691	14.79	ug/l	99
11) Tert butyl alcohol	3.06	59	61322	102.79	ug/l	100
12) 1,1-Dichloroethene	2.38	96	30174	20.95	ug/l	94
13) Acrolein	2.29	56	16614	96.72	ug/l	96
14) Allyl chloride	2.73	41	53855	21.12	ug/l	97
15) Acrylonitrile	3.15	53	121675	100.70	ug/l	99
16) Acetone	2.45	43	152566	105.75	ug/l	97
17) Carbon Disulfide	2.57	76	78070	20.39	ug/l	99
18) Methyl Acetate	2.78	43	60868	20.12	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	106930	20.08	ug/l	94
20) Methylene Chloride	2.86	84	32938	19.77	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	32497	20.23	ug/l	96
22) Diisopropyl ether	3.87	45	104236	23.15	ug/l	96
23) Vinyl Acetate	3.83	43	497078	116.47	ug/l	99
24) 1,1-Dichloroethane	3.70	63	59925	21.17	ug/l	99
25) 2-Butanone	4.71	43	162479	100.19	ug/l	98
26) 2,2-Dichloropropane	4.59	77	38881	19.60	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	30487	20.31	ug/l	97
28) Bromochloromethane	5.03	49	17927	15.36	ug/l	98
29) Tetrahydrofuran	5.17	42	96784	97.00	ug/l	99
30) Chloroform	5.23	83	53011	19.98	ug/l	97
31) Cyclohexane	5.59	56	44369	20.28	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	47275	19.76	ug/l	96
36) 1,1-Dichloropropene	5.81	75	40534	21.25	ug/l	100
37) Ethyl Acetate	4.87	43	50685	19.45	ug/l	99
38) Carbon Tetrachloride	5.79	117	40223	20.10	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	51195	22.06	ug/l	95
40) Benzene	6.15	78	118372	21.36	ug/l	100
41) Methacrylonitrile	5.07	41	26684	19.42	ug/l	97
42) 1,2-Dichloroethane	6.21	62	46571	21.42	ug/l	99
43) Isopropyl Acetate	6.48	43	78303	20.18	ug/l	99
44) Trichloroethene	7.22	130	33147	20.88	ug/l	89
45) 1,2-Dichloropropane	7.52	63	31128	21.95	ug/l	98
46) Dibromomethane	7.67	93	23210	20.85	ug/l	97
47) Bromodichloromethane	7.91	83	41505	21.19	ug/l	98
48) Methyl methacrylate	7.79	41	39068	20.74	ug/l	96
49) 1,4-Dioxane	7.77	88	16873	426.21	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	318112	105.94	ug/l	98
52) Toluene	8.79	92	83161	21.47	ug/l	96
53) t-1,3-Dichloropropene	8.45	75	47381	20.88	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	49607	22.53	ug/l	94
55) 1,1,2-Trichloroethane	9.23	97	35750	22.44	ug/l	99
56) Ethyl methacrylate	9.19	69	51059	21.15	ug/l	98
57) 1,3-Dichloropropane	9.38	76	57619	22.62	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	109371	94.41	ug/l	100
59) 2-Hexanone	9.51	43	279437	109.60	ug/l	98
60) Dibromochloromethane	9.59	129	36031	21.66	ug/l	99
61) 1,2-Dibromoethane	9.68	107	38456	22.51	ug/l	98
64) Tetrachloroethene	9.34	164	35147	20.38	ug/l	93
65) Chlorobenzene	10.15	112	100915	20.41	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	33195	19.77	ug/l	97
67) Ethyl Benzene	10.26	91	173190	20.66	ug/l	99
68) m/p-Xylenes	10.37	106	136659	41.43	ug/l	100
69) o-Xylene	10.71	106	63909	20.01	ug/l	98
70) Styrene	10.72	104	107928	20.42	ug/l	99
71) Bromoform	10.87	173	27487	18.98	ug/l #	98
73) Isopropylbenzene	11.02	105	181843	22.02	ug/l	98
74) N-amyl acetate	6.48	43	78303	19.76	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	63646	21.79	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	57096m	21.32	ug/l	
77) Bromobenzene	11.26	156	46005	20.91	ug/l	98
78) n-propylbenzene	11.37	91	217932	22.13	ug/l	99
79) 2-Chlorotoluene	11.43	91	121490	21.36	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	154724	22.29	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	16203	19.59	ug/l	93
82) 4-Chlorotoluene	11.52	91	148263	21.83	ug/l	100
83) tert-Butylbenzene	11.78	119	150815	21.54	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	158191	21.73	ug/l	100
85) sec-Butylbenzene	11.96	105	193078	22.28	ug/l	99
86) p-Isopropyltoluene	12.07	119	168201	21.86	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	89425	21.50	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	89406	20.48	ug/l	97
89) n-Butylbenzene	12.40	91	163604	22.84	ug/l	100
90) Hexachloroethane	12.60	117	26383	21.78	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	85478	20.96	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16426	20.17	ug/l	98

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ClientSampleId :
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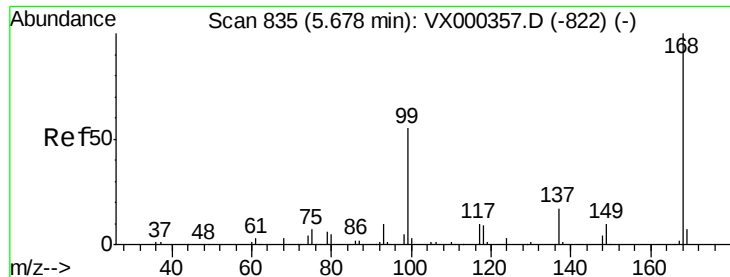
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	65365	22.36	ug/l	98
94) Hexachlorobutadiene	13.79	225	30055	24.83	ug/l	99
95) Naphthalene	13.84	128	222966	21.90	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	65154	22.56	ug/l	99

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



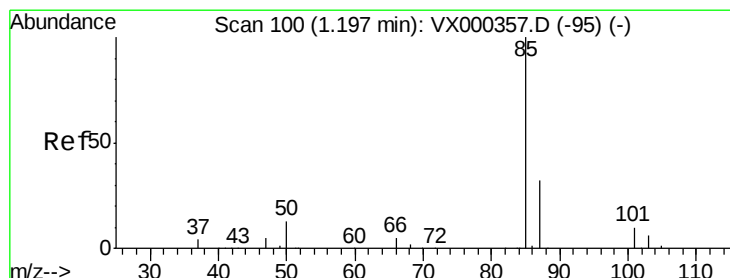
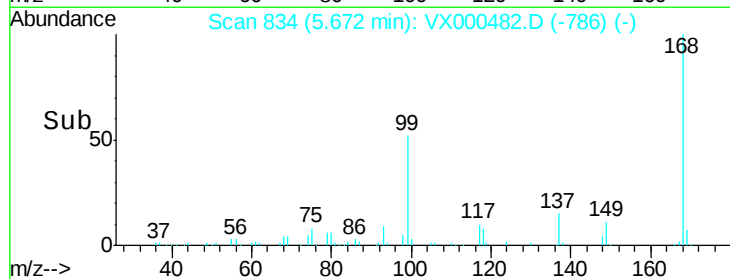
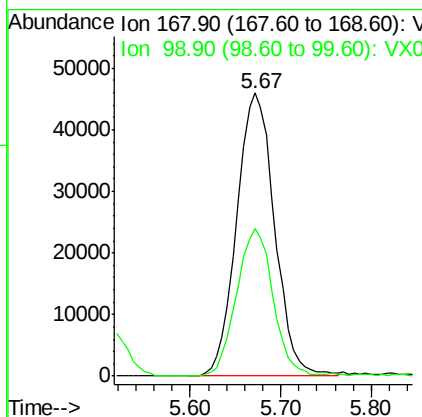
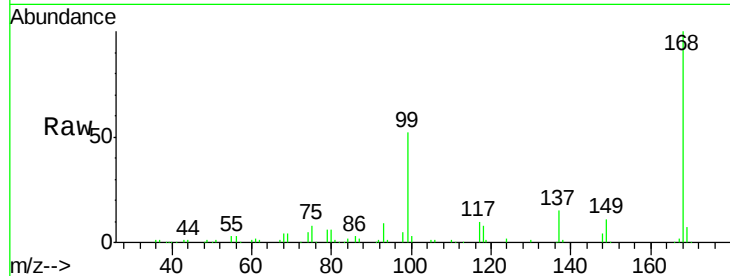
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.01 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	52.4	45.8	68.6

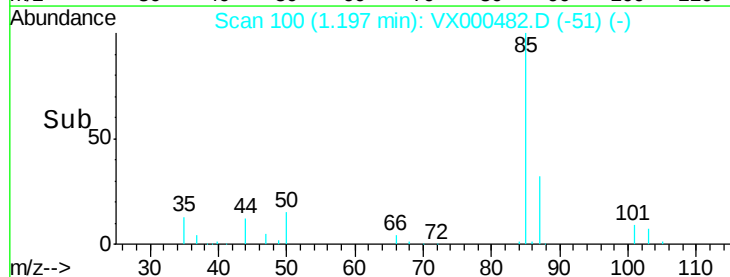
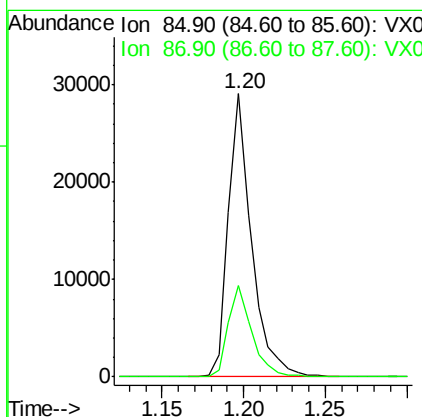
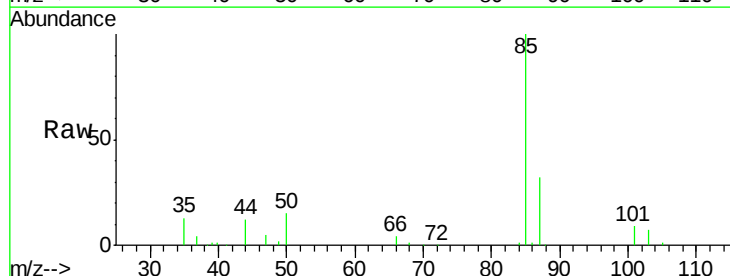
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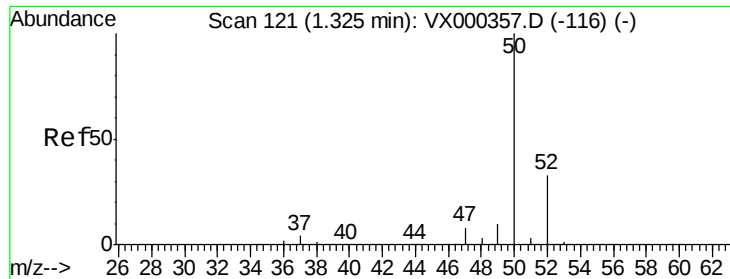
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#2
Dichlorodifluoromethane
Concen: 19.71 ug/l
RT: 1.20 min Scan# 100
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.8	50.3





#3

Chloromethane

Concen: 19.09 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBS01

Tot Ion: 50 Resp: 29448

Ion Ratio Lower Upper

50 100

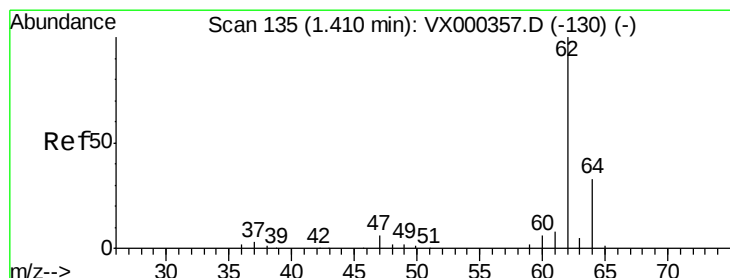
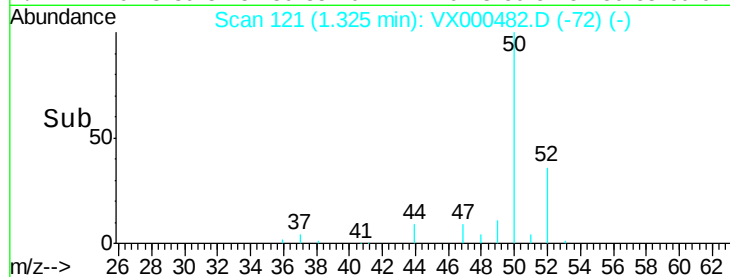
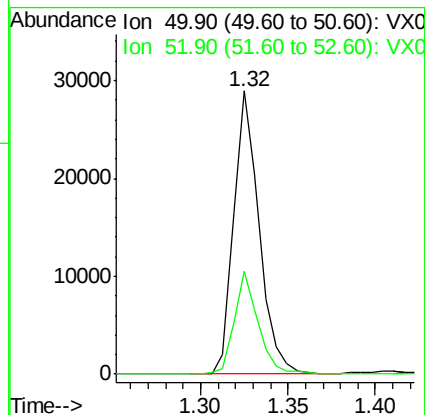
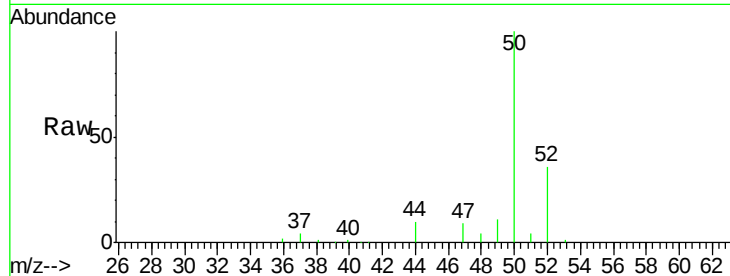
52 36.3 27.5 41.3

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#4

Vinyl Chloride

Concen: 21.22 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000482.D

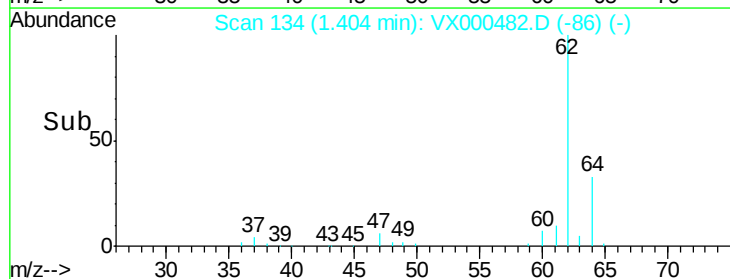
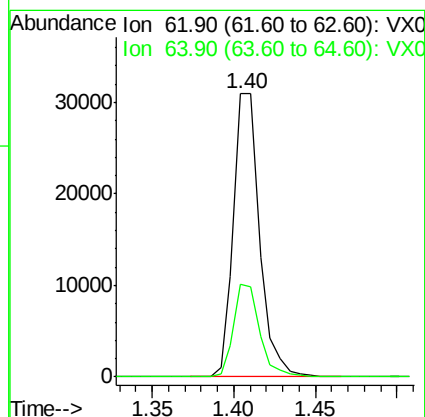
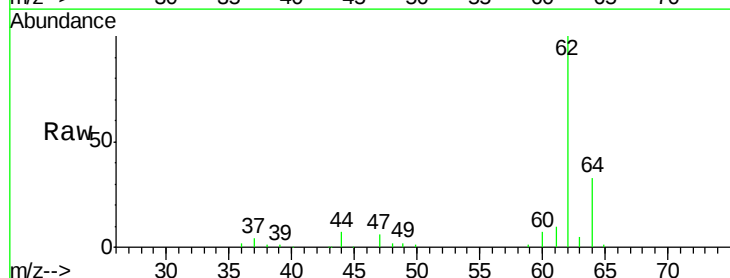
Acq: 28 Mar 2018 12:13

Tgt Ion: 62 Resp: 34591

Ion Ratio Lower Upper

62 100

64 32.7 24.8 37.2





#5

Bromomethane

Concen: 13.40 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBS01

Tot Ion: 94 Resp: 26089

Ion Ratio Lower Upper

94 100

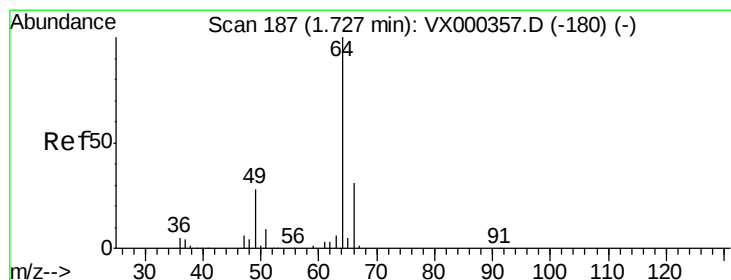
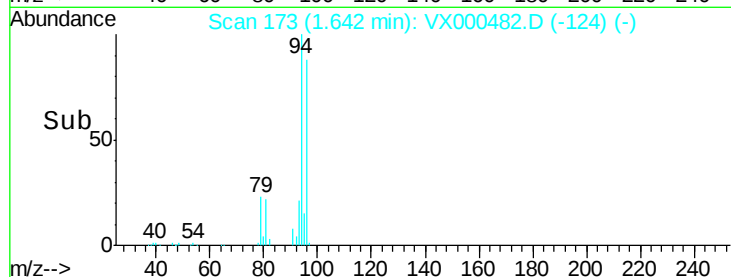
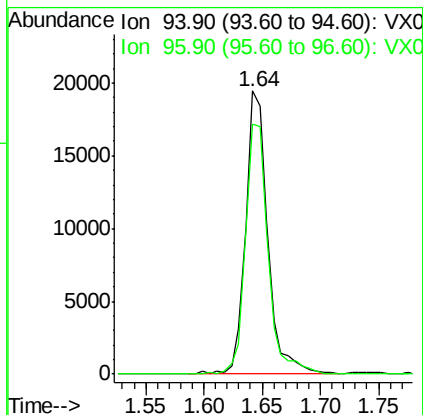
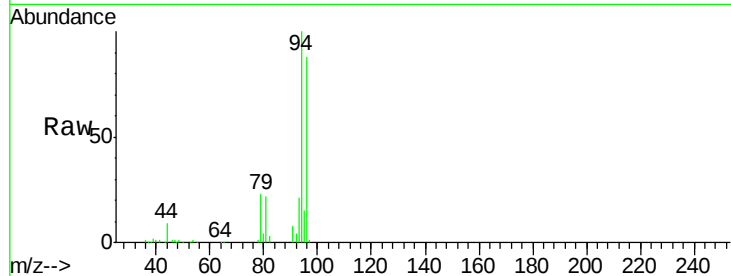
96 88.3 77.7 116.5

Manual Integrations

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#6

Chloroethane

Concen: 24.29 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000482.D

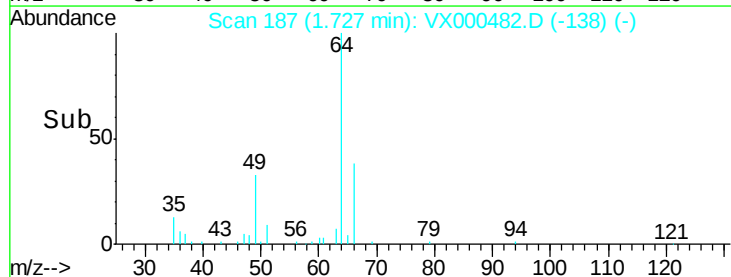
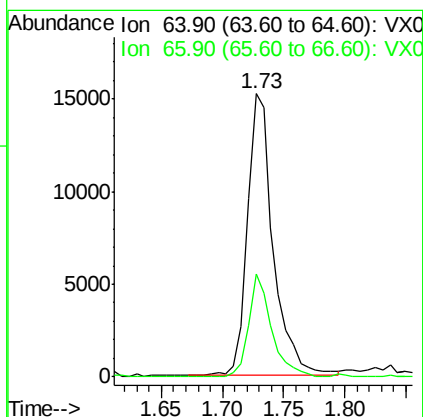
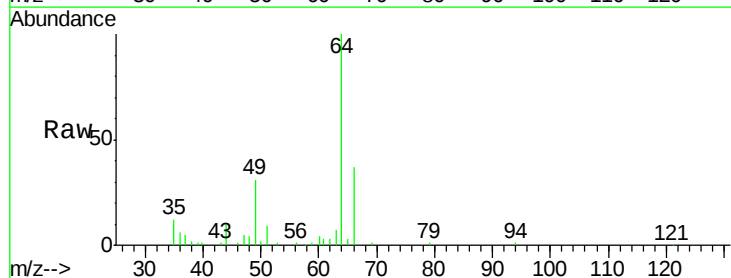
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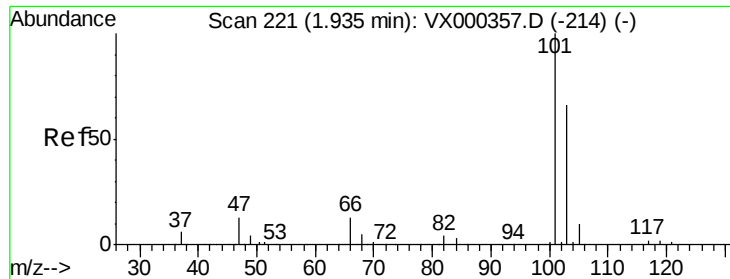
Tgt Ion: 64 Resp: 22461

Ion Ratio Lower Upper

64 100

66 36.7 24.8 37.2





#7

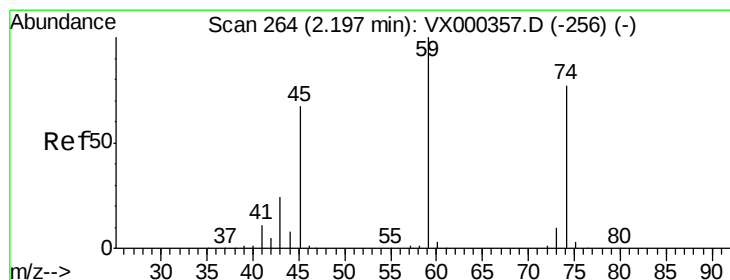
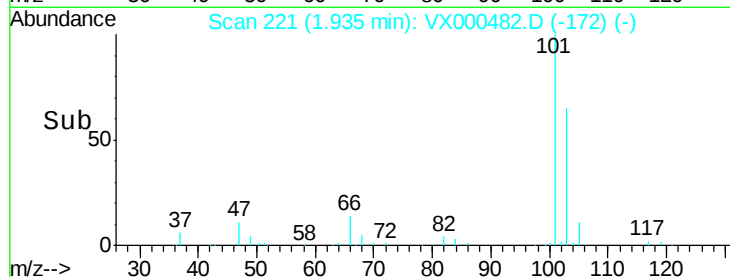
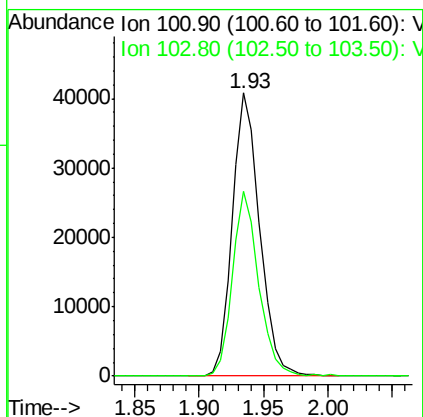
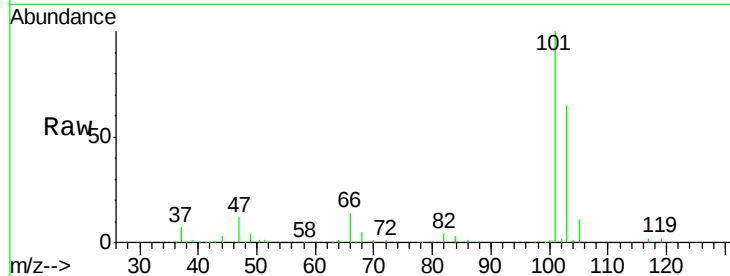
Trichlorofluoromethane
 Concen: 20.52 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Instrument :
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 ClientSampleId :
 VX0328WBS01

Tot Ion:101 Resp: 60362
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.6 77.4

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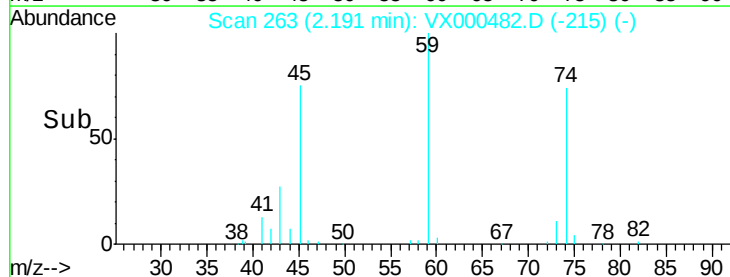
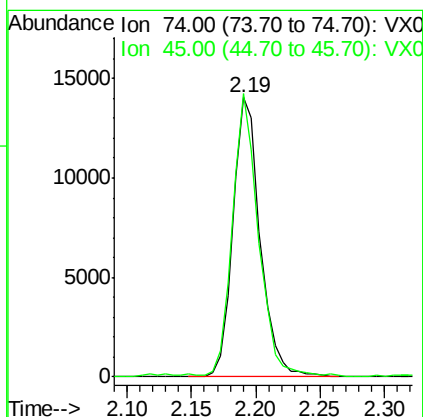
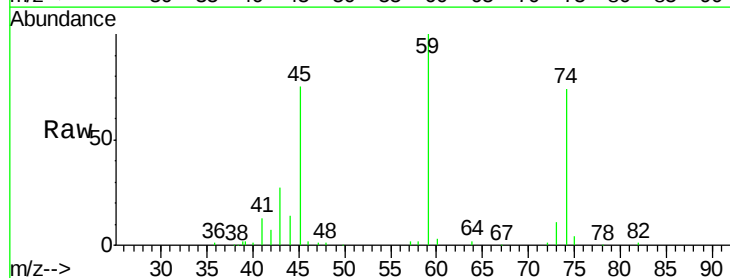
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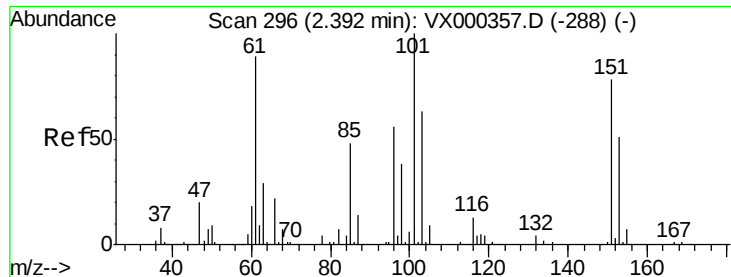


#8

Diethyl Ether
 Concen: 19.67 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Tgt Ion: 74 Resp: 20682
 Ion Ratio Lower Upper
 74 100
 45 98.7 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.55 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

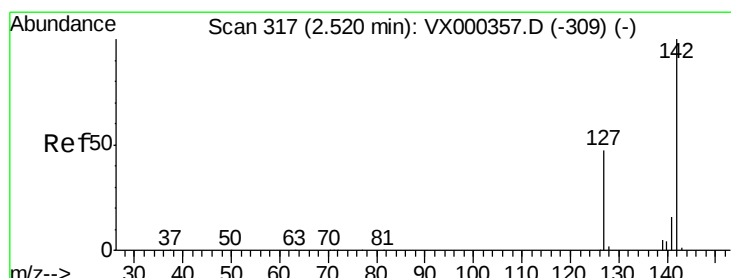
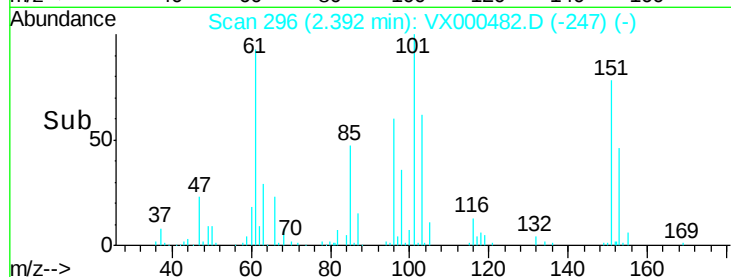
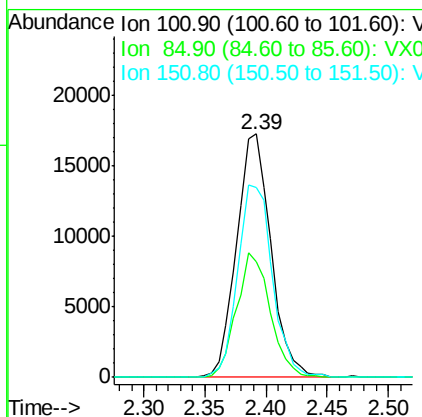
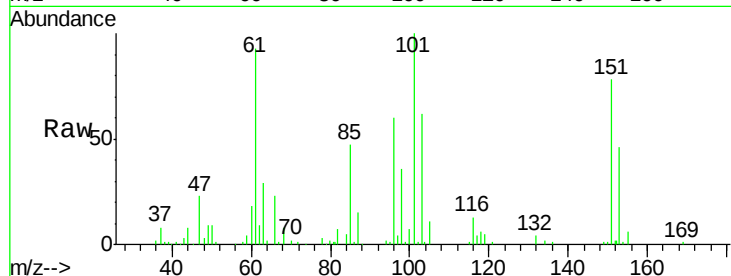
ClientSampleId :

VX0328WBS01

Tot Ion:	101	Resp:	33714
Ion Ratio	Lower	Upper	
101	100		
85	49.9	37.6	56.4
151	80.0	62.6	93.8

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#10

Methyl Iodide

Concen: 14.79 ug/l

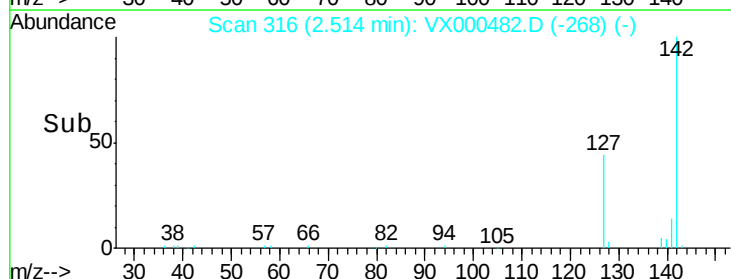
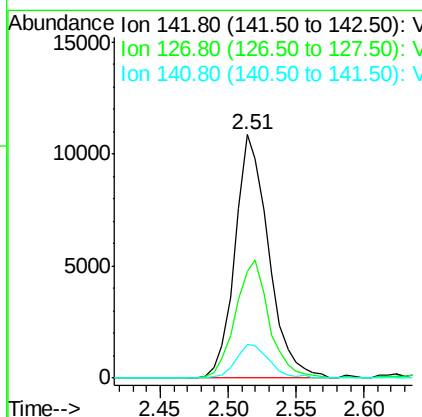
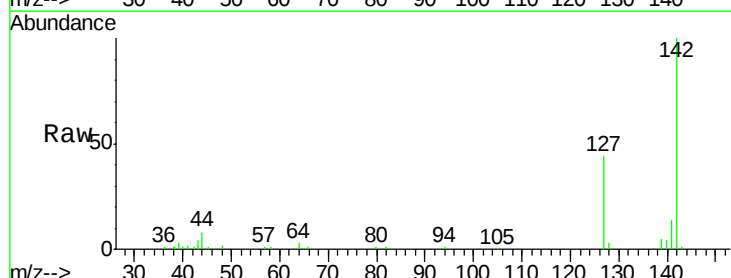
RT: 2.51 min Scan# 316

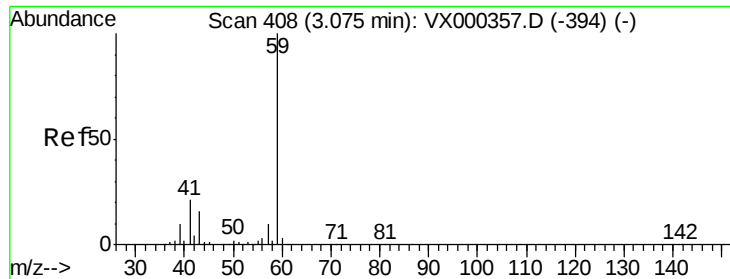
Delta R.T. -0.01 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Tgt Ion:	142	Resp:	18691
Ion Ratio	Lower	Upper	
142	100		
127	48.5	39.2	58.8
141	13.8	11.7	17.5





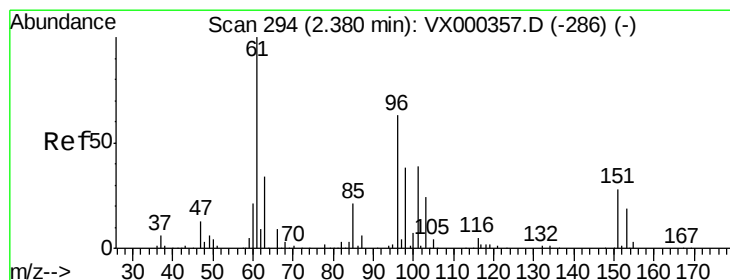
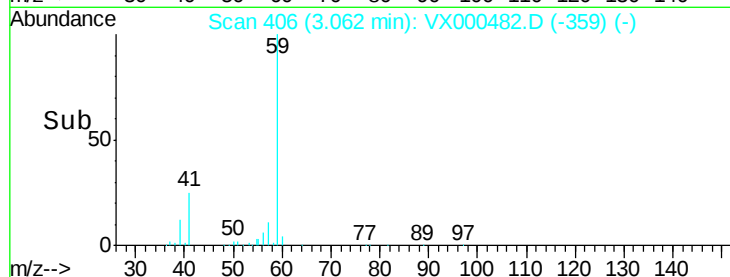
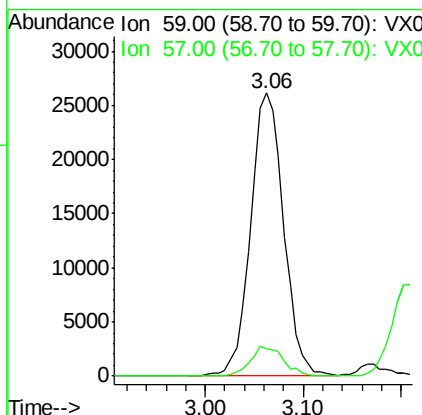
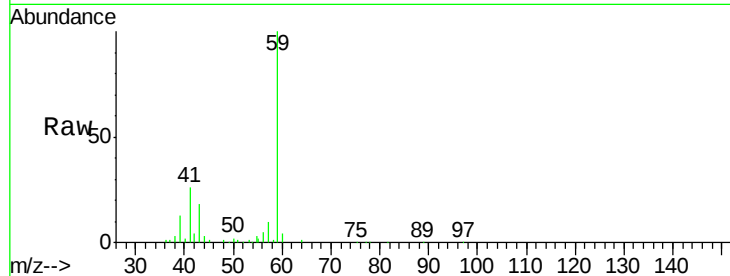
#11
Tert butyl alcohol
Concen: 102.79 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.01 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBS01

Tot Ion: 59 Resp: 61322
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6

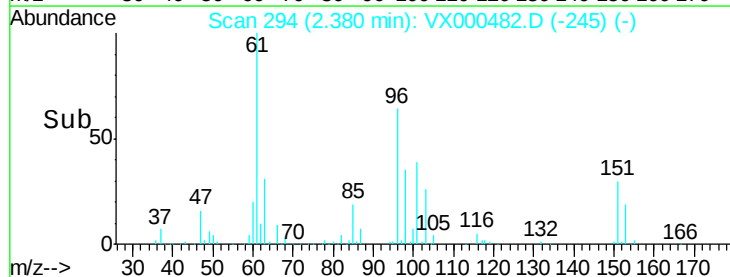
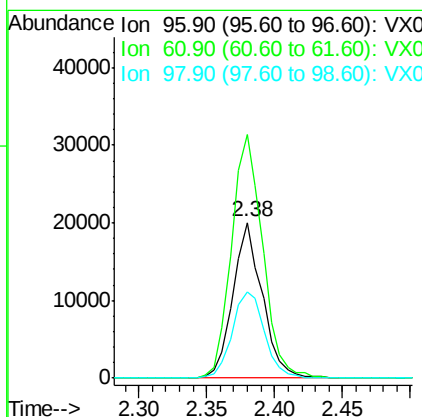
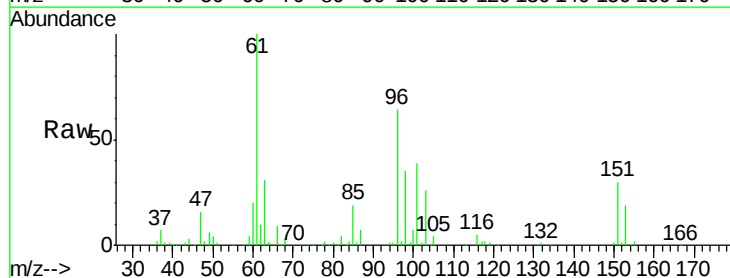
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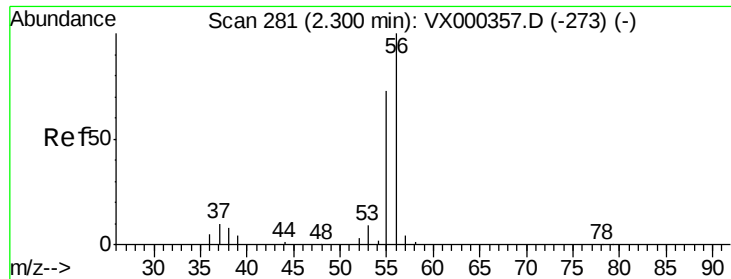
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#12
1,1-Dichloroethene
Concen: 20.95 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tgt Ion: 96 Resp: 30174
Ion Ratio Lower Upper
96 100
61 156.7 131.2 196.8
98 55.5 49.8 74.8





#13

Acrolein

Concen: 96.72 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBS01

Tot Ion: 56 Resp: 16614

Ion Ratio Lower Upper

56 100

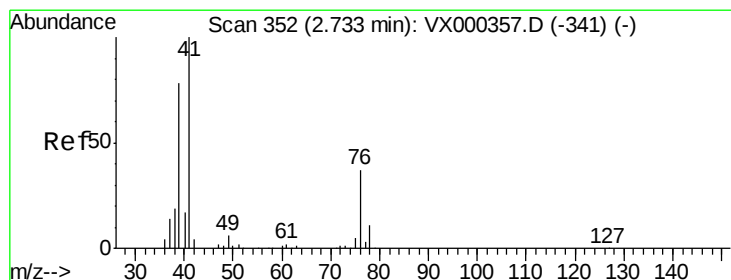
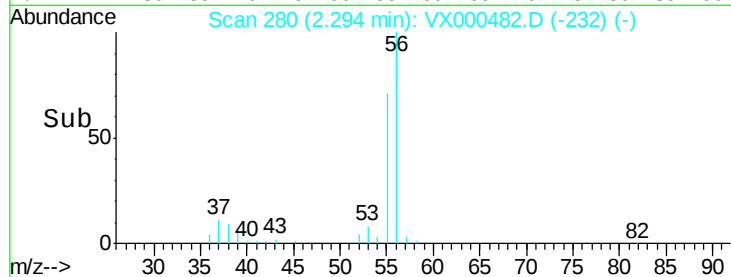
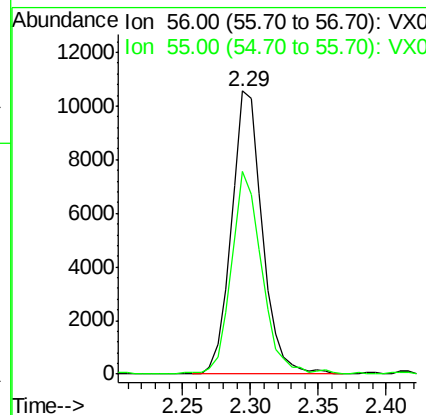
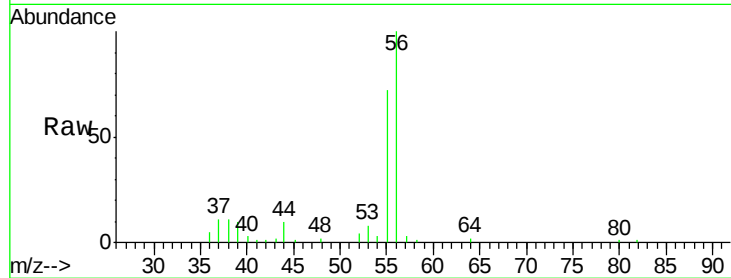
55 70.4 58.8 88.2

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#14

Allyl chloride

Concen: 21.12 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

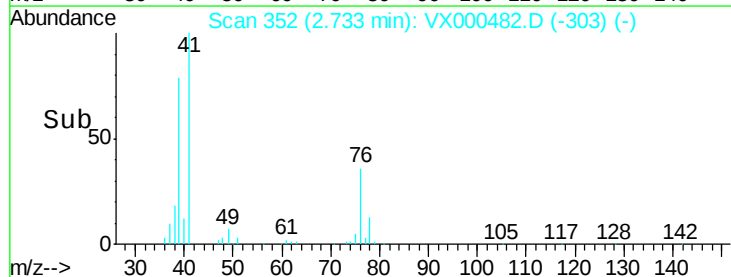
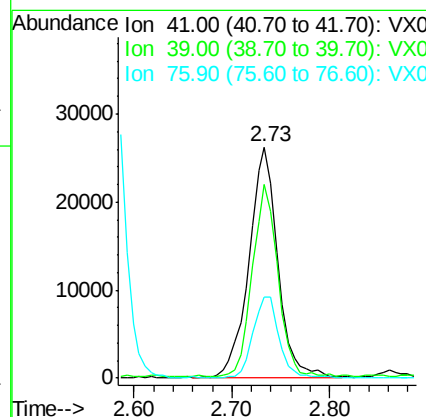
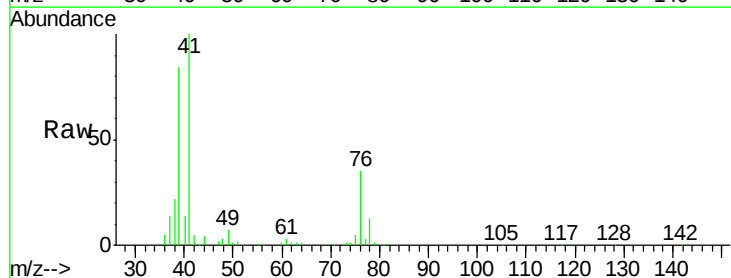
Tgt Ion: 41 Resp: 53855

Ion Ratio Lower Upper

41 100

39 74.0 57.6 86.4

76 31.9 27.3 40.9





#15

Acrylonitrile

Concen: 100.70 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

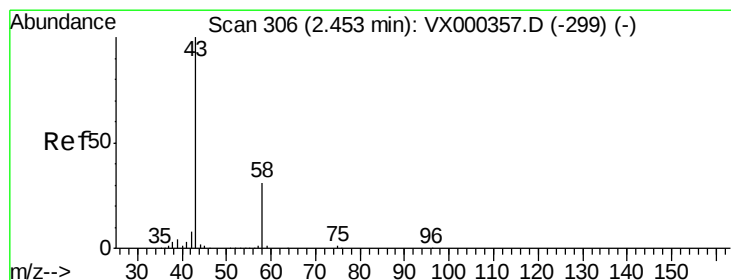
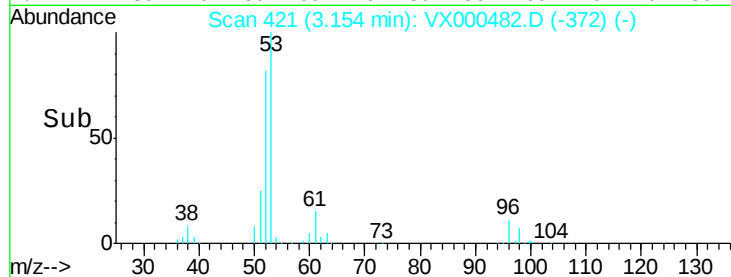
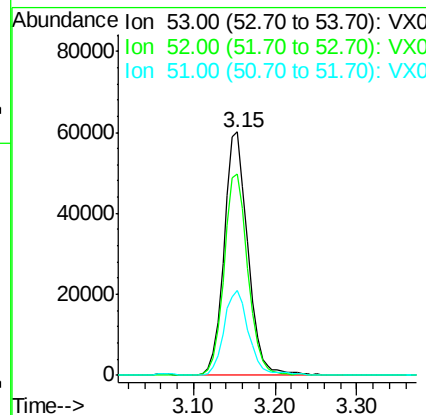
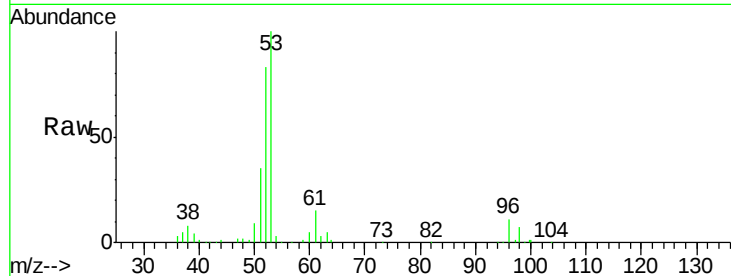
ClientSampleId :

VX0328WBS01

Tot Ion:	53	Resp:	121675
Ion Ratio		Lower	Upper
53	100		
52	82.4	66.6	99.8
51	36.6	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 105.75 ug/l

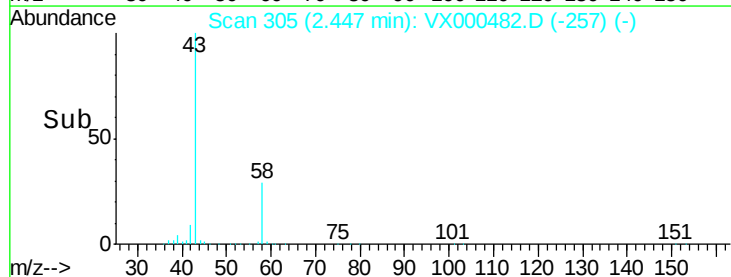
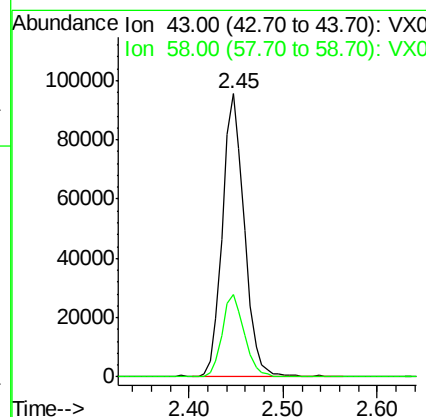
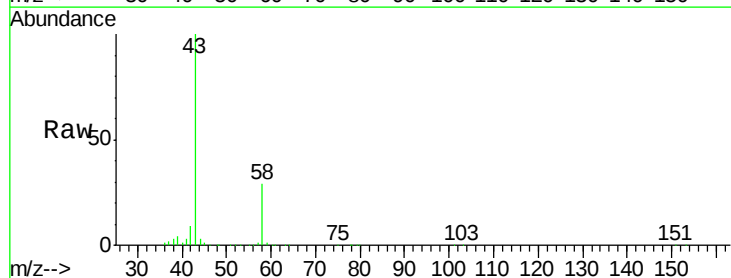
RT: 2.45 min Scan# 305

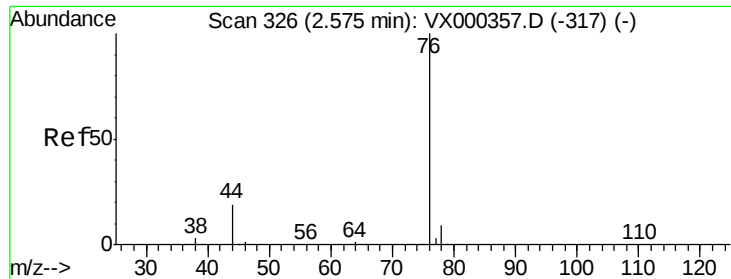
Delta R.T. -0.01 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Tgt Ion:	43	Resp:	152566
Ion Ratio		Lower	Upper
43	100		
58	29.1	24.7	37.1





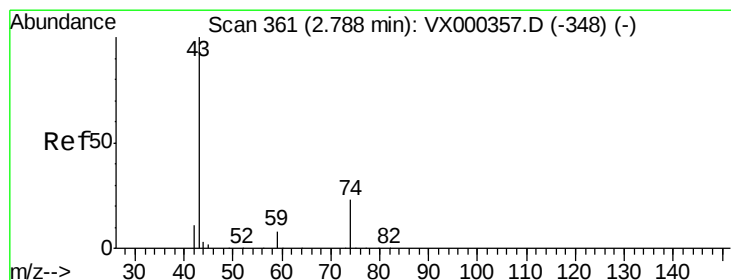
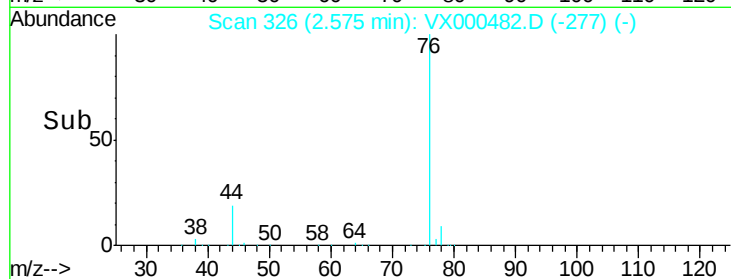
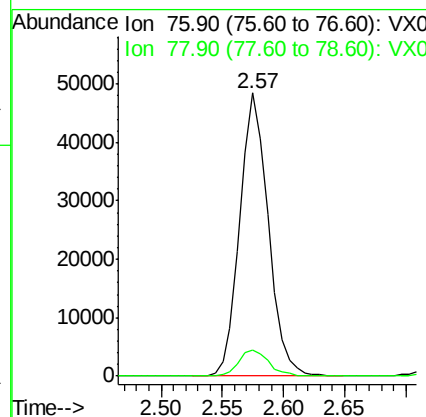
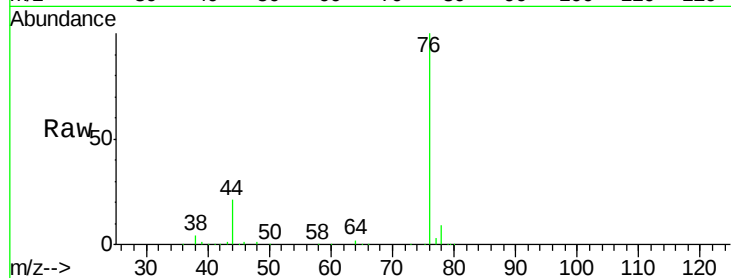
#17
Carbon Disulfide
Concen: 20.39 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

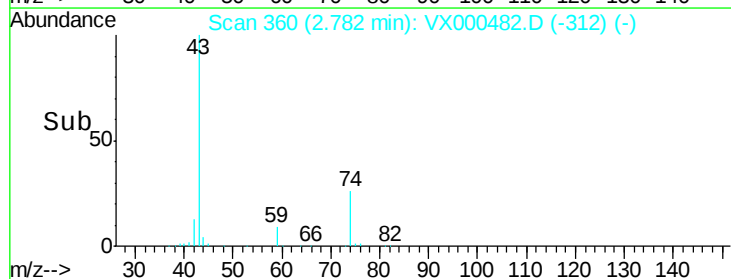
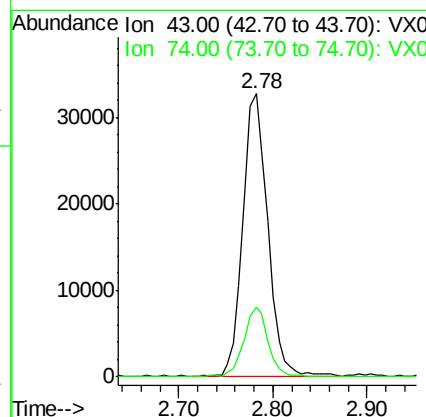
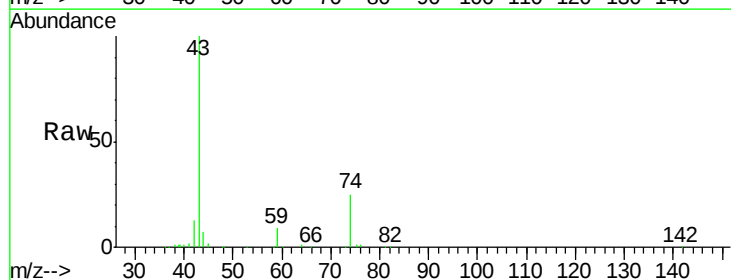
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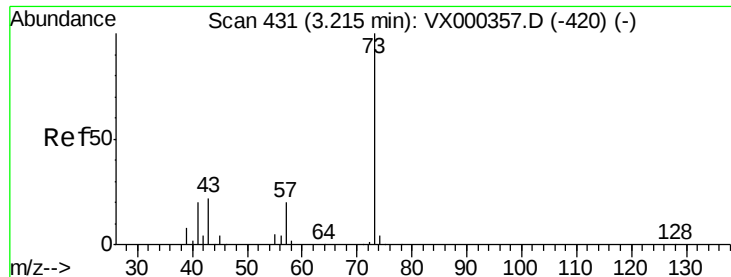
MMDadoda
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#18
Methyl Acetate
Concen: 20.12 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.4	29.2





#19

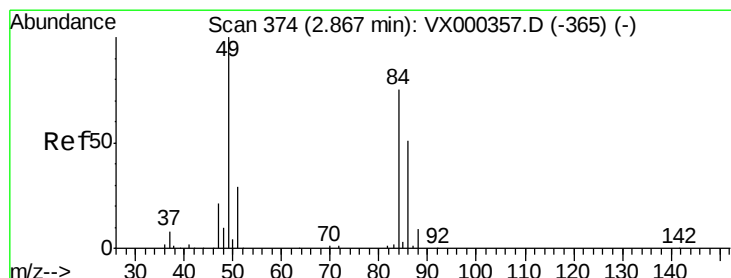
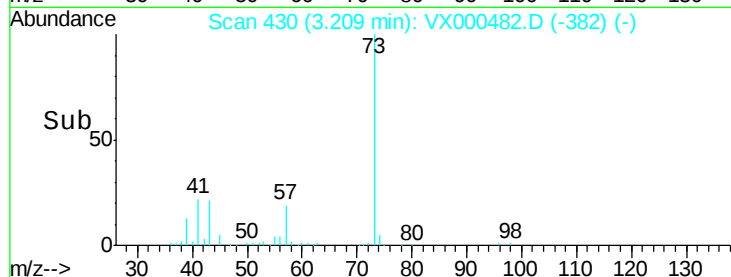
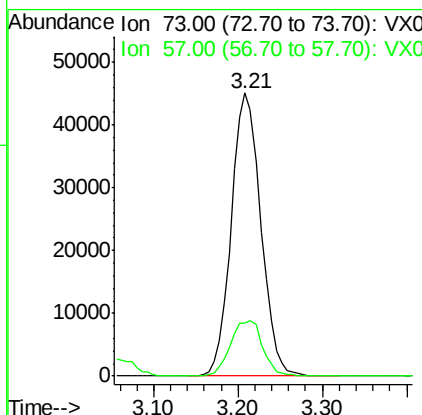
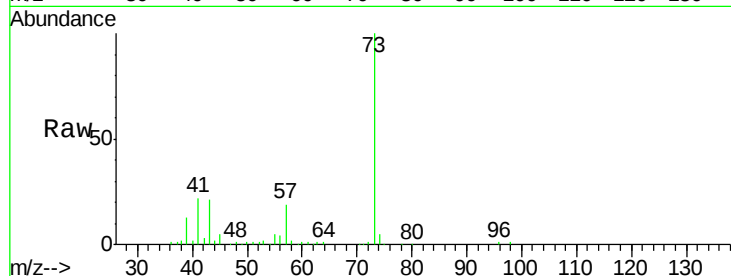
Methyl tert-butyl Ether
 Concen: 20.08 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0328WBS01

Tot Ion	73	Resp	106930
Ion Ratio	Lower	Upper	
73	100		
57	18.8	17.2	25.8

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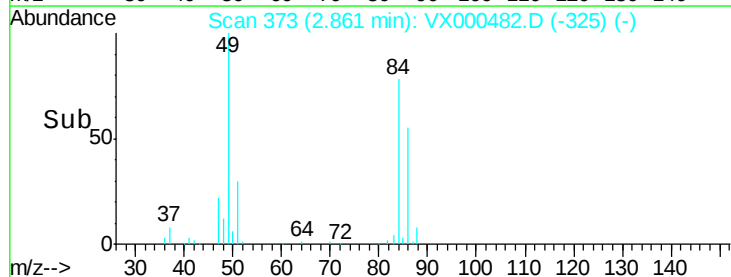
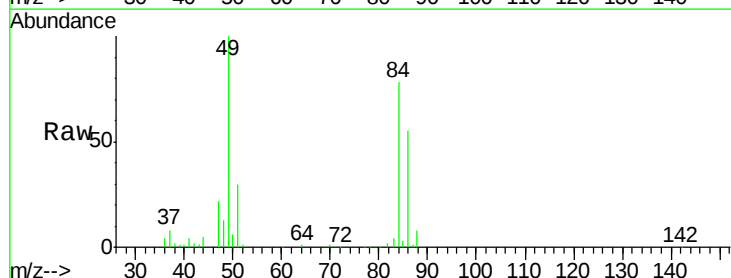
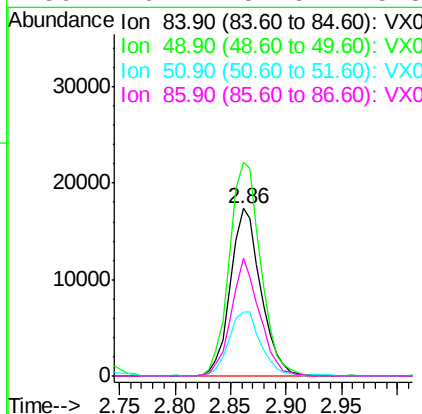
MMDadoda
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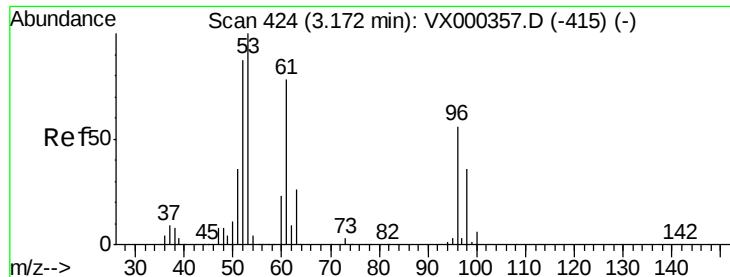


#20

Methylene Chloride
 Concen: 19.77 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Tgt Ion	84	Resp	32938
Ion Ratio	Lower	Upper	
84	100		
49	127.8	100.6	151.0
51	38.4	31.6	47.4
86	70.4	52.6	78.8





#21

trans-1,2-Dichloroethene

Concen: 20.23 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBS01

Tot Ion: 96 Resp: 32497

Ion Ratio Lower Upper

96 100

61 133.2 104.0 156.0

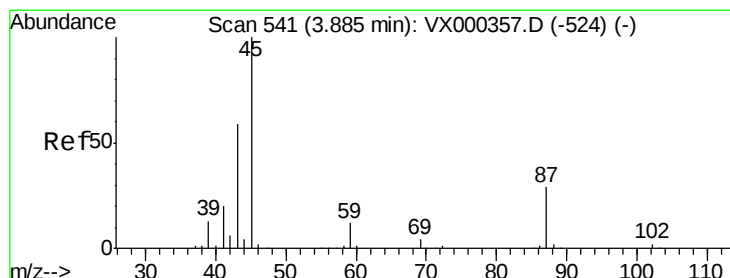
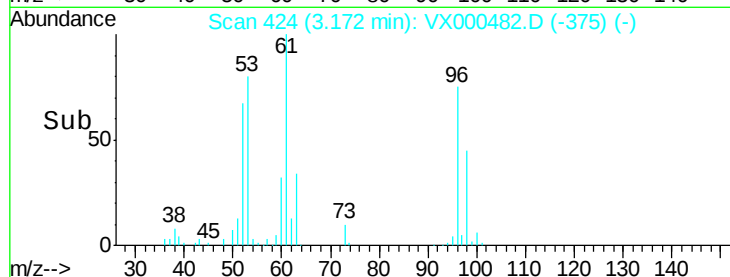
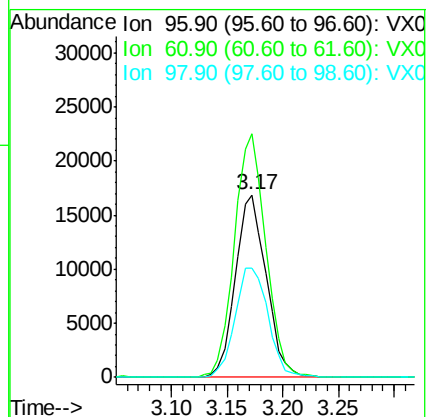
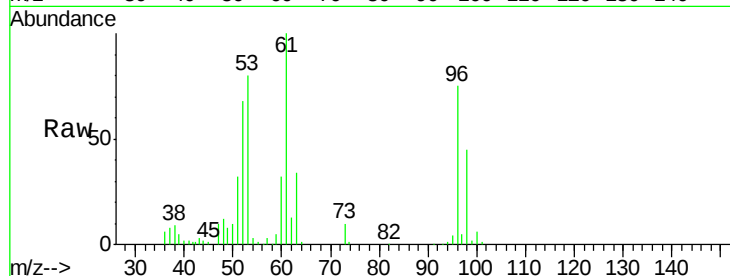
98 60.0 52.1 78.1

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#22

Diisopropyl ether

Concen: 23.15 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Tgt Ion: 45 Resp: 104236

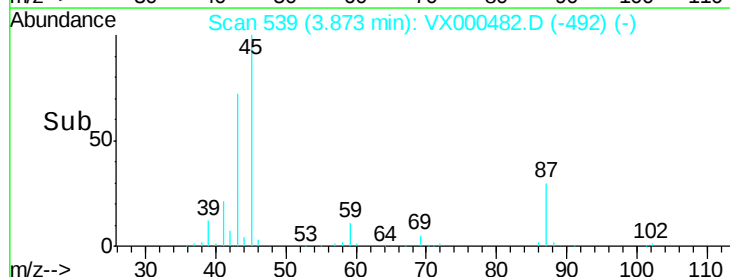
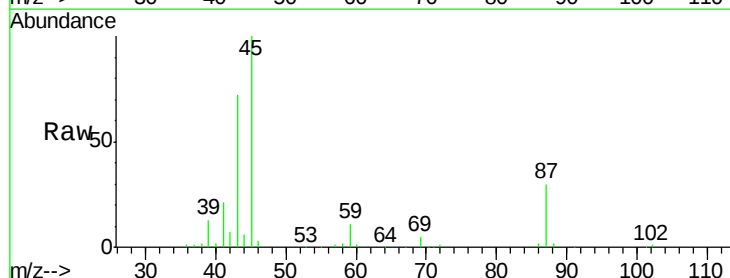
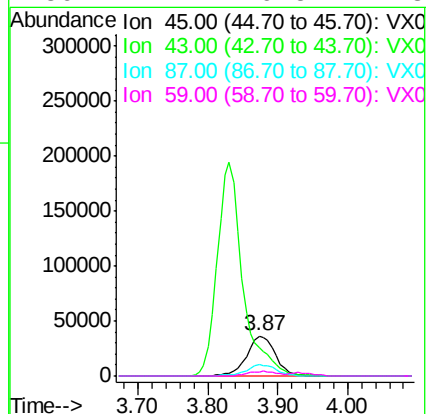
Ion Ratio Lower Upper

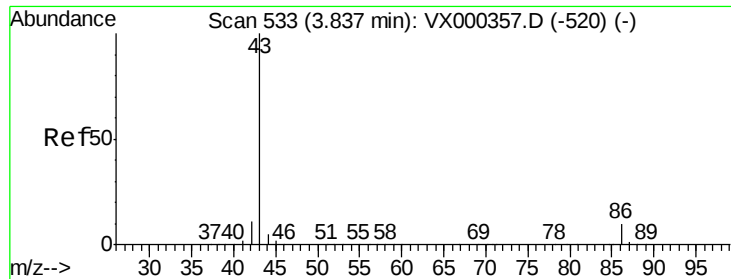
45 100

43 71.0 53.9 80.9

87 30.0 22.6 34.0

59 11.2 9.5 14.3





#23

Vinyl Acetate

Concen: 116.47 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBS01

Tot Ion: 43 Resp: 497078

Ion Ratio Lower Upper

43 100

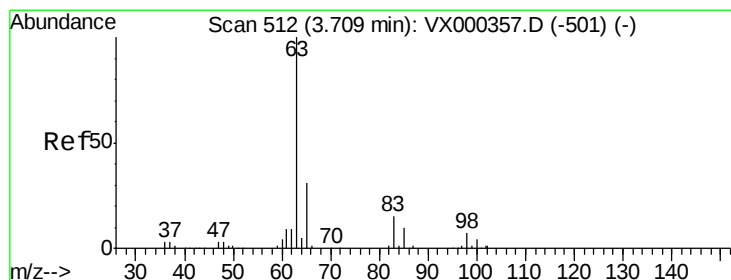
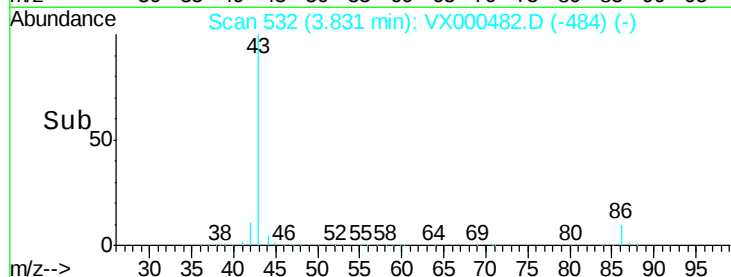
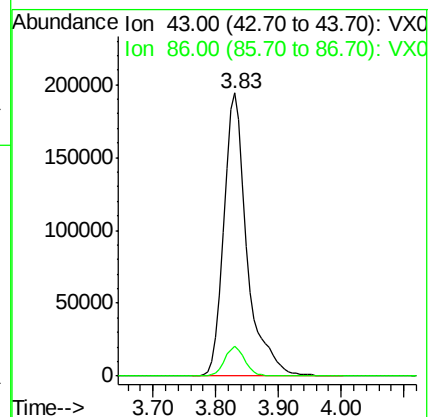
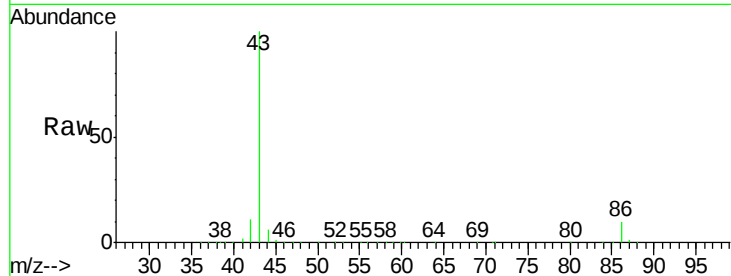
86 10.5 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 21.17 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

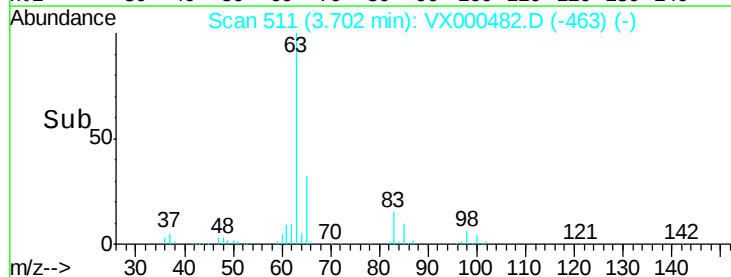
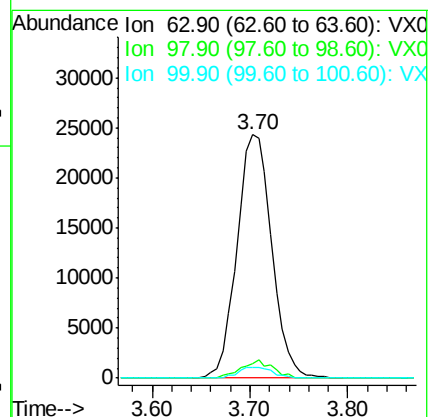
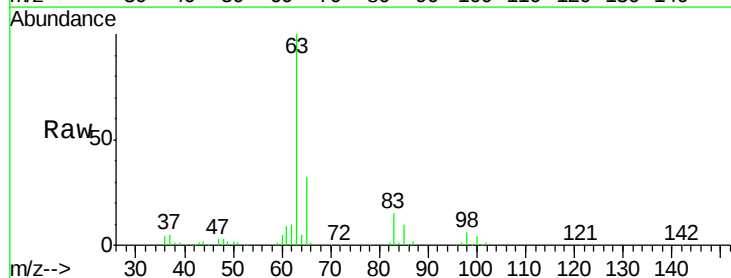
Tgt Ion: 63 Resp: 59925

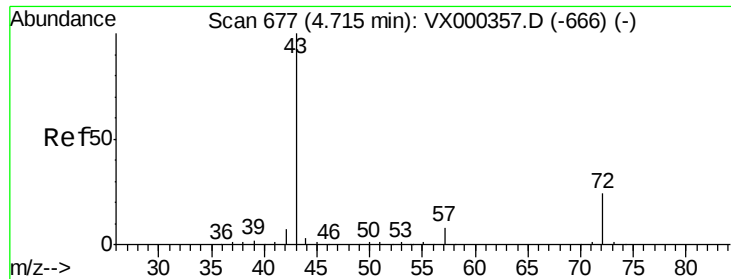
Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.9

100 4.3 2.0 5.8





#25

2-Butanone

Concen: 100.19 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBS01

Tot Ion: 43 Resp: 162479

Ion Ratio Lower Upper

43 100

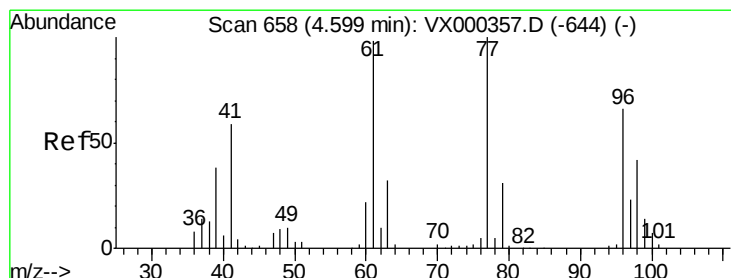
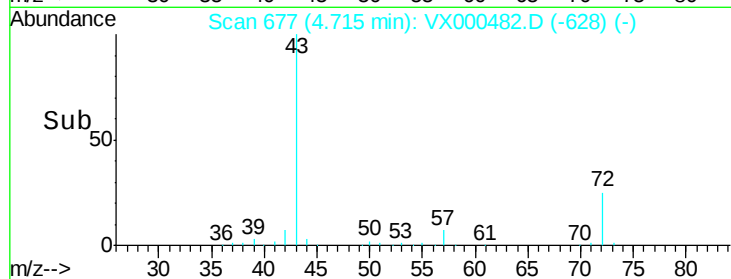
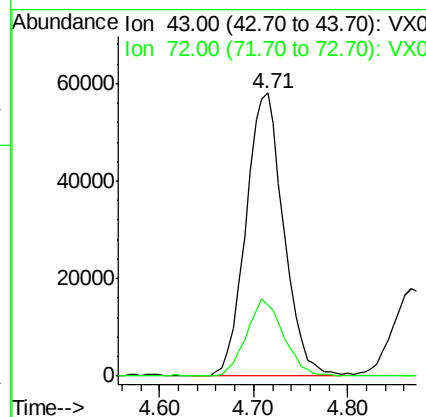
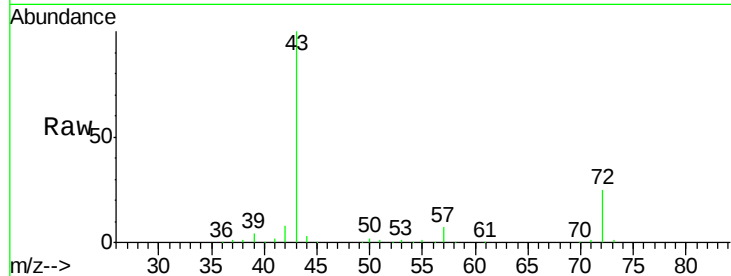
72 25.0 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.60 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000482.D

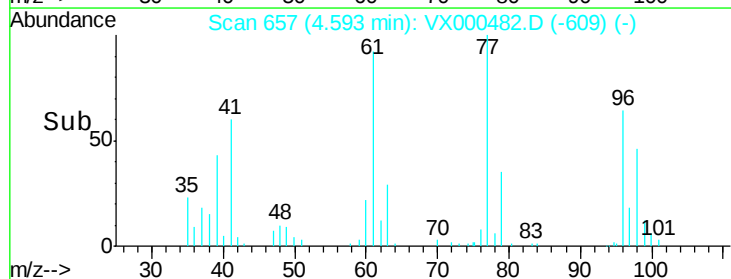
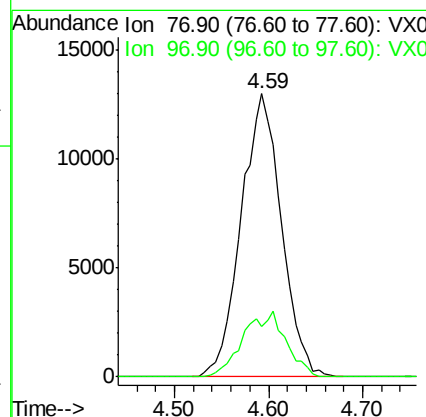
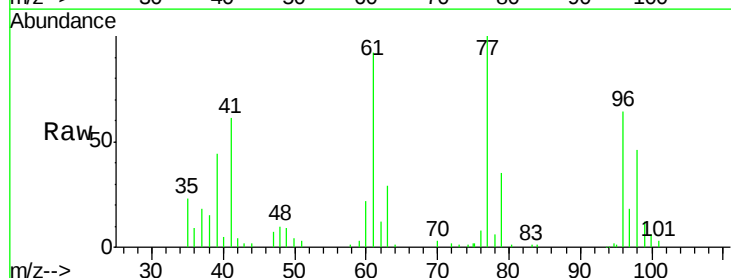
Acq: 28 Mar 2018 12:13

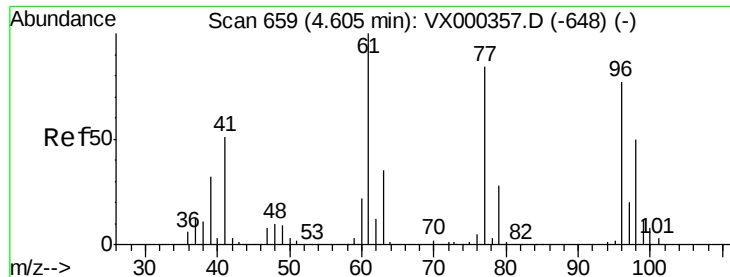
Tgt Ion: 77 Resp: 38881

Ion Ratio Lower Upper

77 100

97 24.5 11.3 33.8





#27

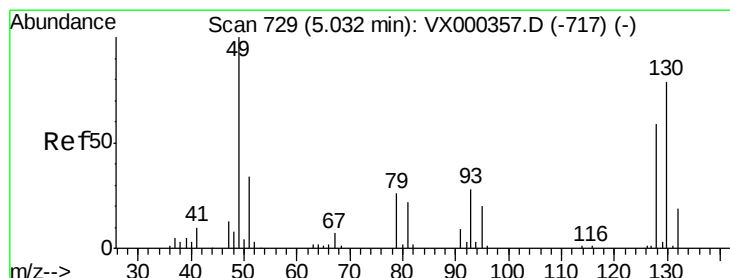
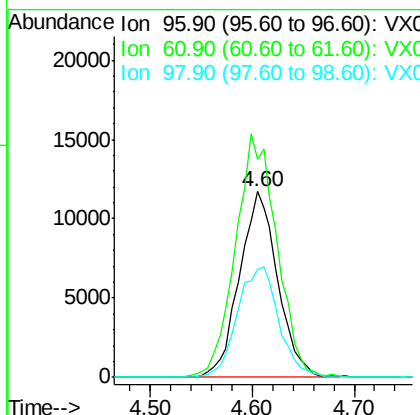
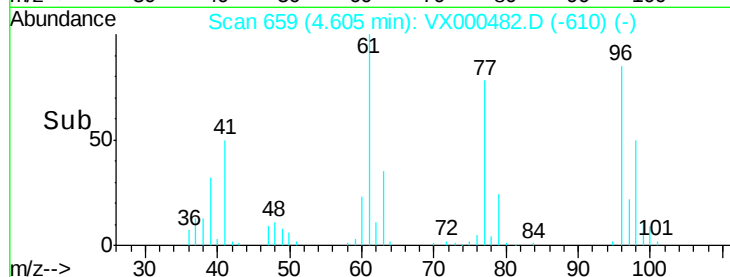
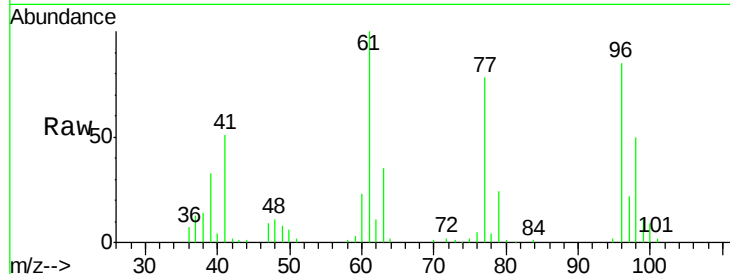
cis-1,2-Dichloroethene
Concen: 20.31 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.4	0.0	291.6
98	63.9	0.0	132.0

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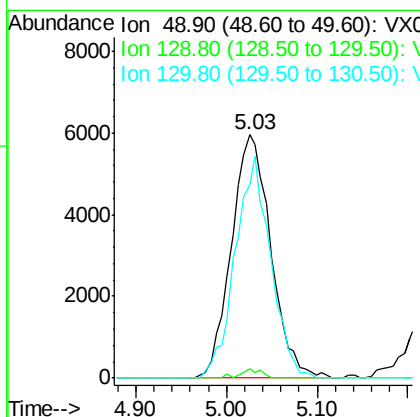
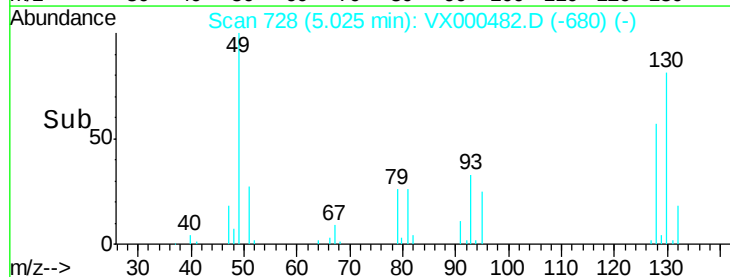
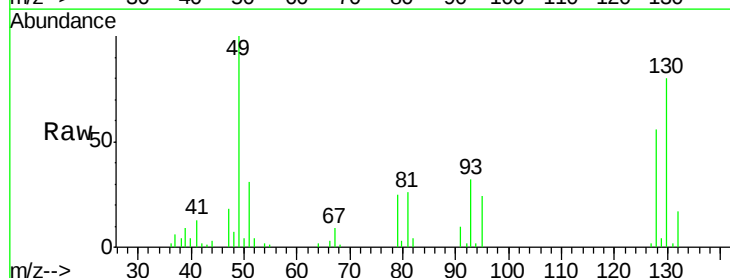
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#28

Bromochloromethane
Concen: 15.36 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	5.0
130	81.9	64.0	96.0





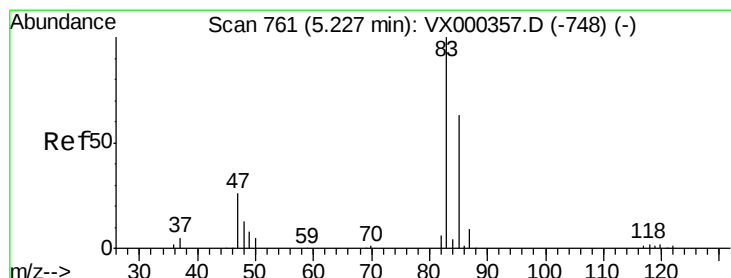
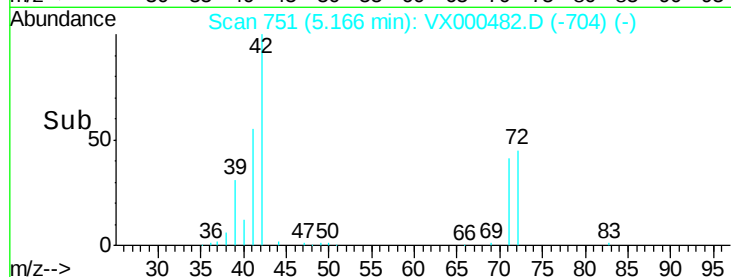
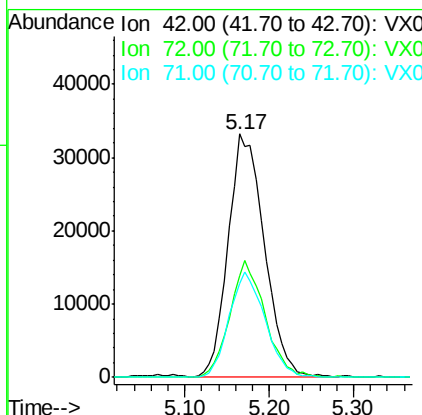
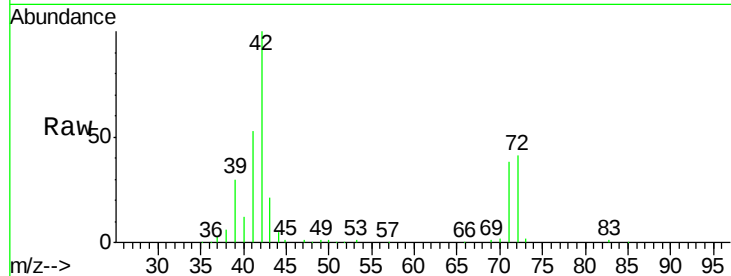
#29
Tetrahydrofuran
Concen: 97.00 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.6	37.9	56.9
71	42.8	34.4	51.6

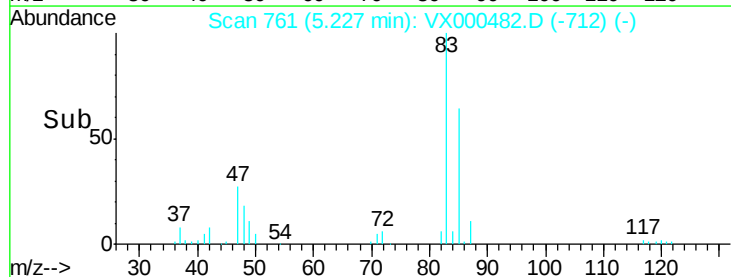
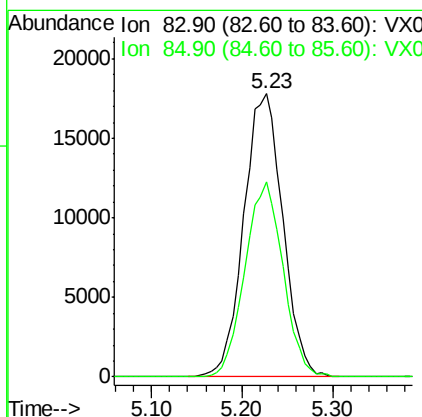
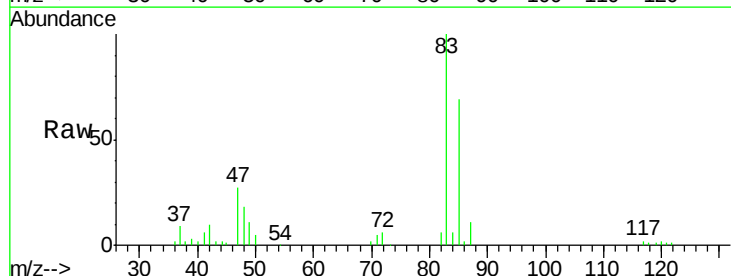
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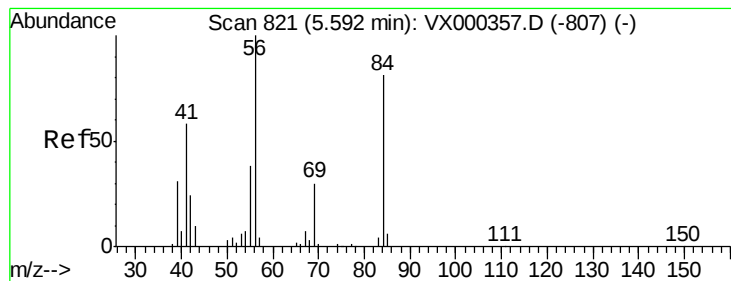
MMDadoda
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#30
Chloroform
Concen: 19.98 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.0	53.3	79.9





#31

Cyclohexane

Concen: 20.28 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.01 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

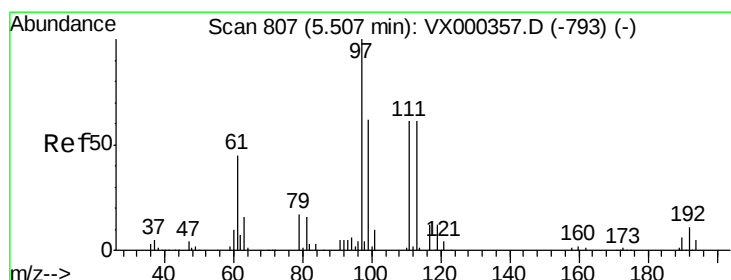
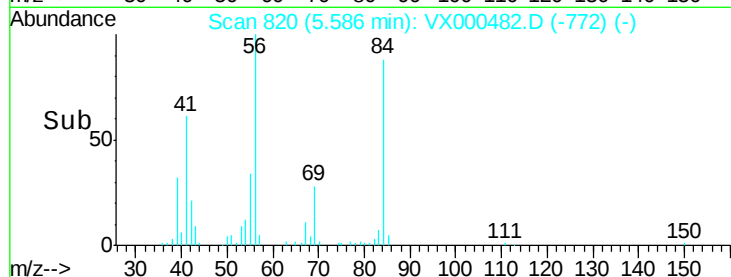
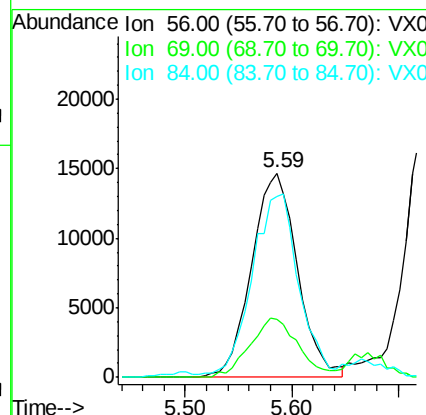
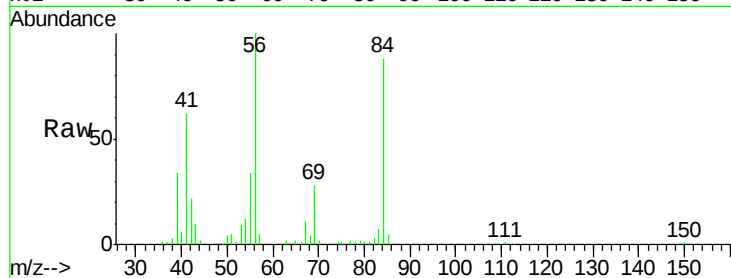
ClientSampleId :

VX0328WBS01

Tot Ion:	56	Resp:	44369
Ion	Ratio	Lower	Upper
56	100		
69	28.1	23.4	35.0
84	86.8	71.0	106.4

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#32

1,1,1-Trichloroethane

Concen: 19.76 ug/l

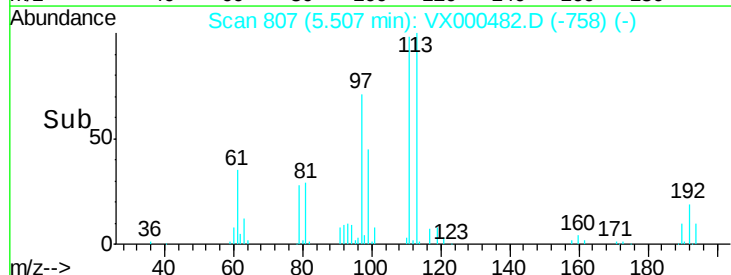
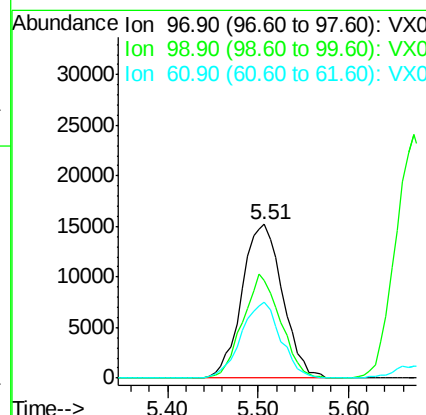
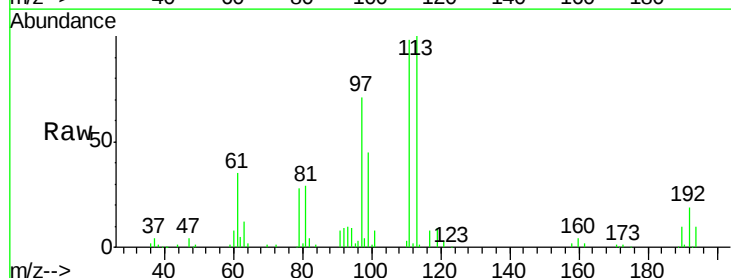
RT: 5.51 min Scan# 807

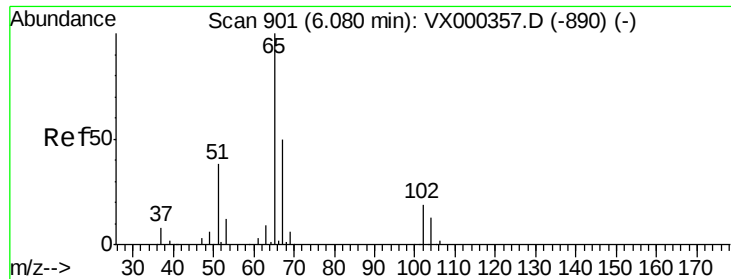
Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Tgt Ion:	97	Resp:	47275
Ion	Ratio	Lower	Upper
97	100		
99	62.4	52.1	78.1
61	47.7	36.2	54.4





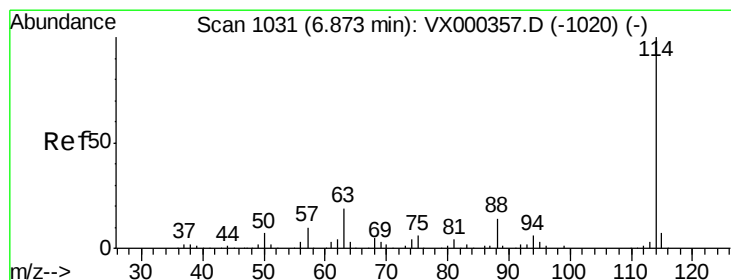
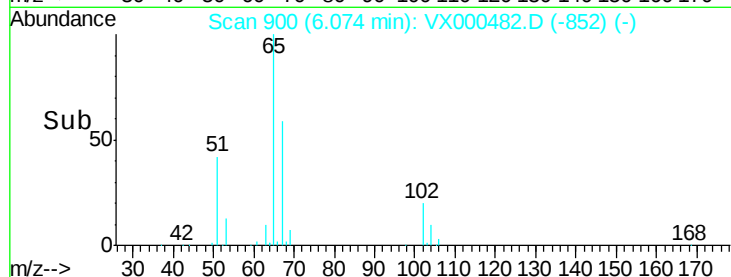
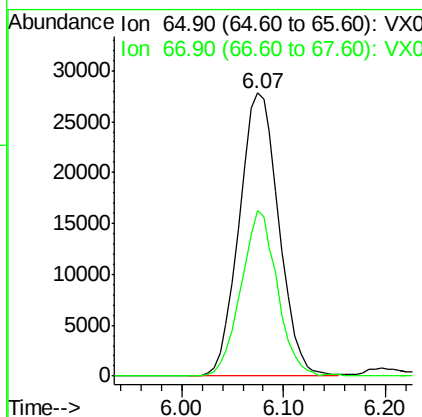
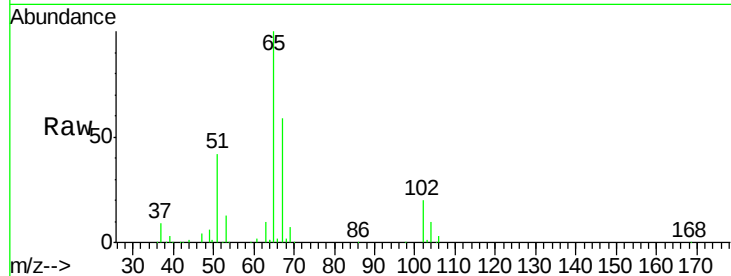
#33
 1,2-Dichloroethane-d4
 Concen: 43.30 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	103.2

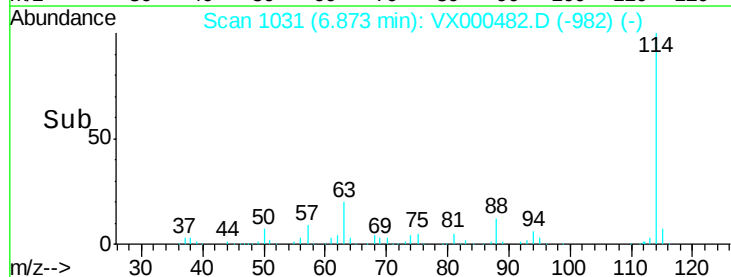
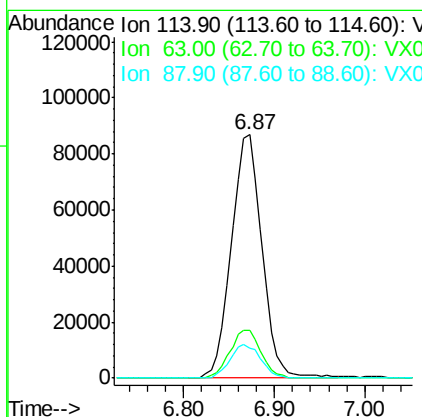
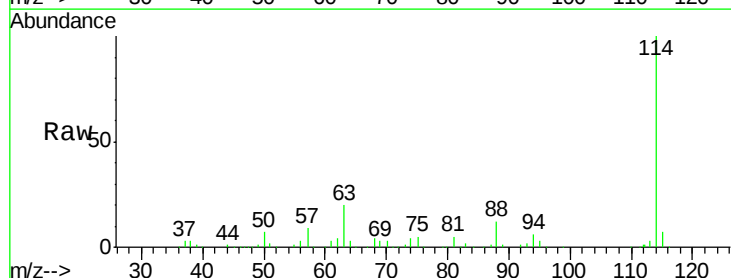
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.4
88	12.4	0.0	27.0





#35

Dibromofluoromethane

Concen: 46.56 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

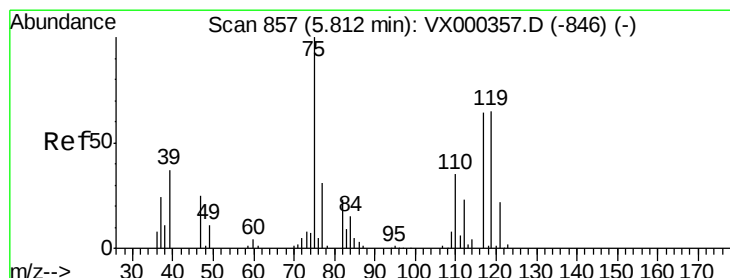
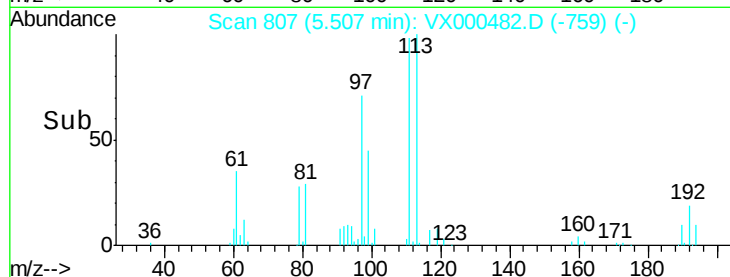
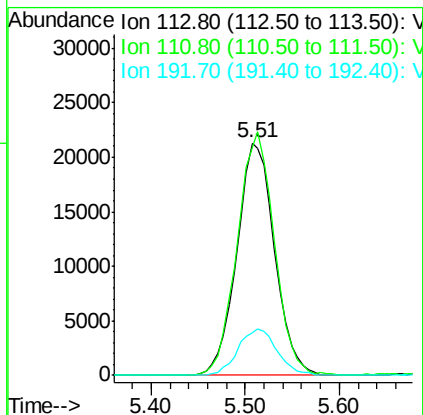
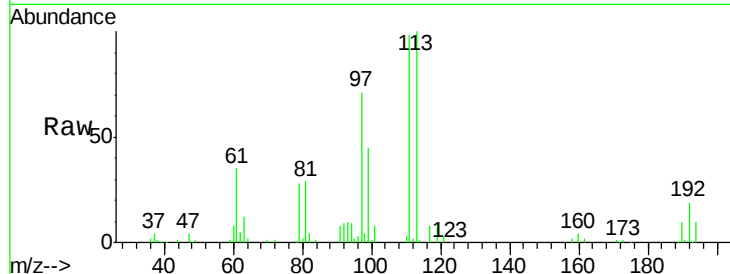
ClientSampleId :

VX0328WBS01

Tot Ion:	113	Resp:	59758
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.4	123.6
192	20.7	15.8	23.6

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#36

1,1-Dichloropropene

Concen: 21.25 ug/l

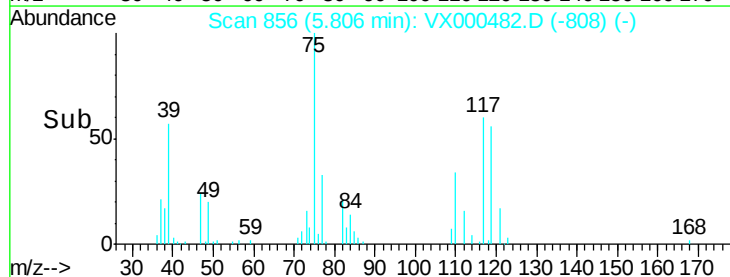
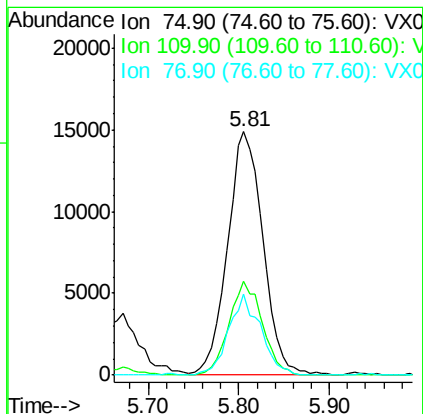
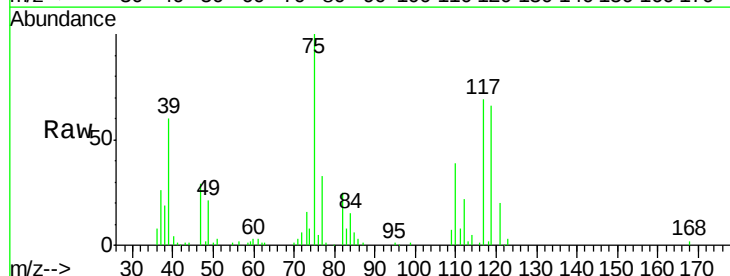
RT: 5.81 min Scan# 856

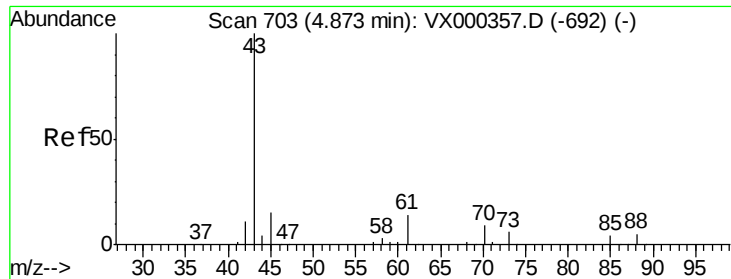
Delta R.T. -0.01 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Tgt Ion:	75	Resp:	40534
Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.9	53.7
77	29.8	24.0	36.0





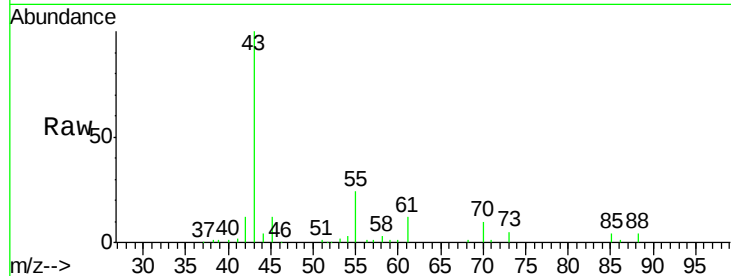
#37
Ethyl Acetate
Concen: 19.45 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBS01

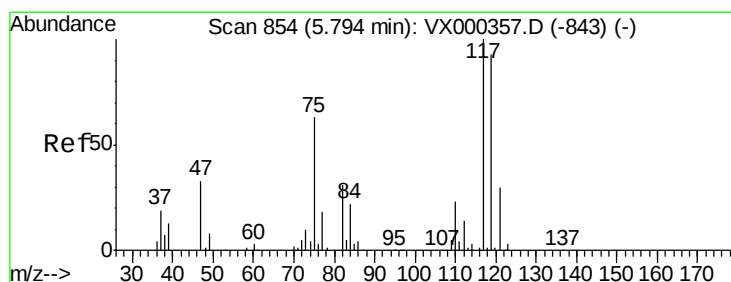
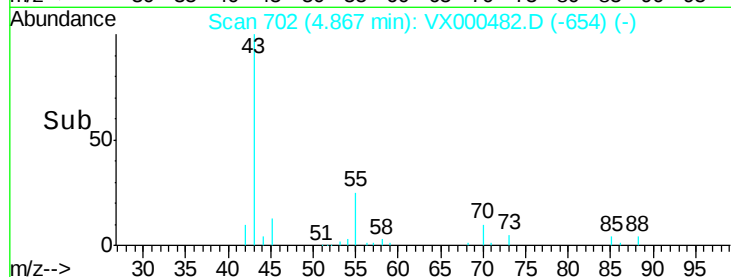
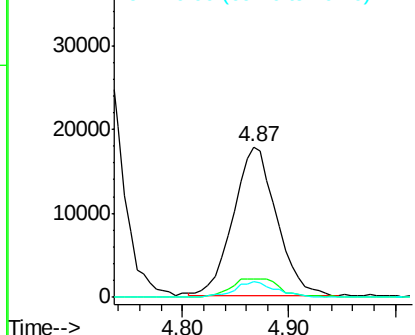
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.1	16.7
70	10.1	7.7	11.5

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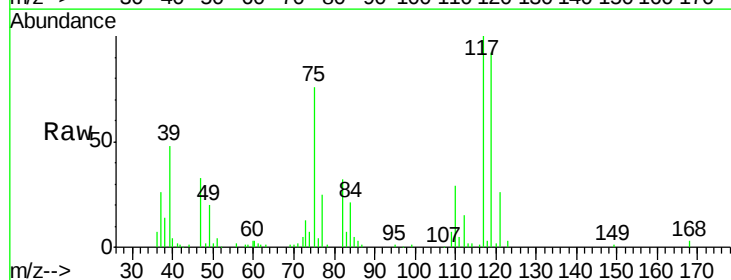


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

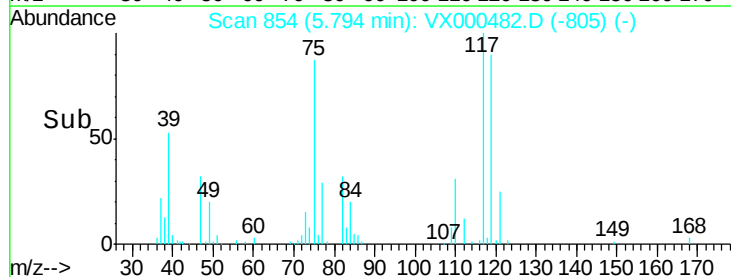
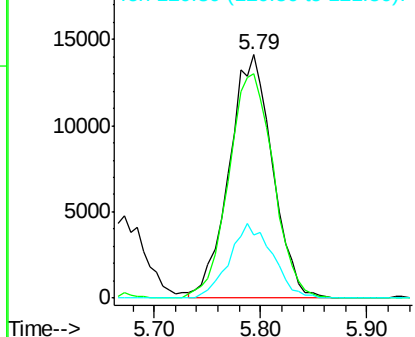


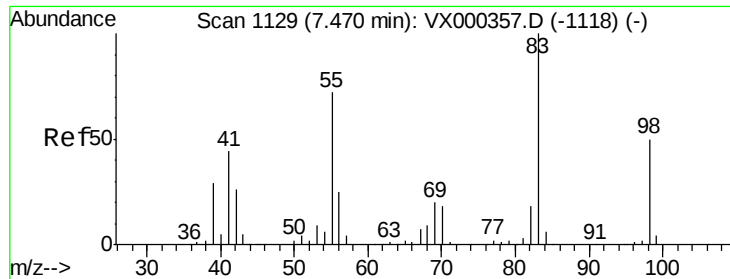
#38
Carbon Tetrachloride
Concen: 20.10 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.3	77.4	116.2
121	26.0	24.8	37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





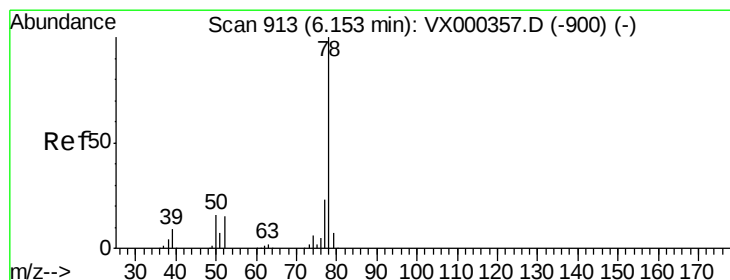
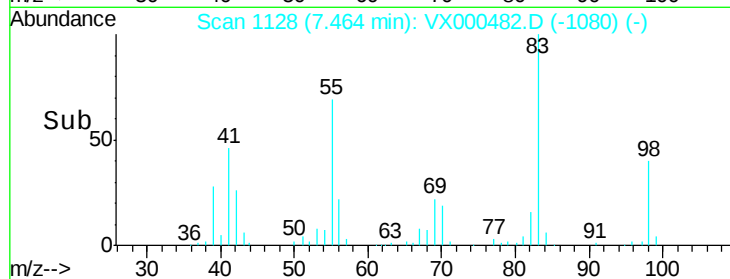
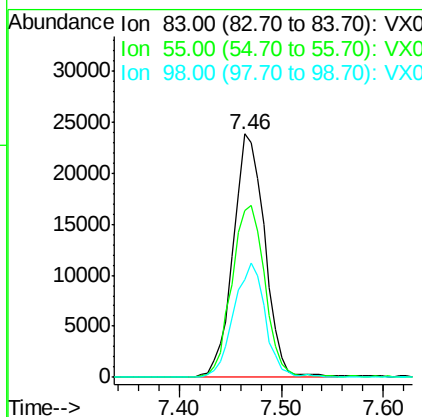
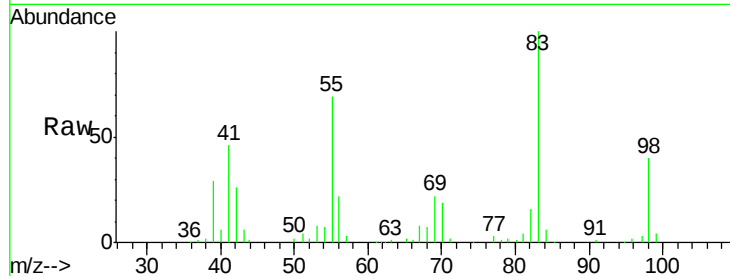
#39
Methvlcvclohexane
Concen: 22.06 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.5	55.5	83.3
98	40.1	38.2	57.4

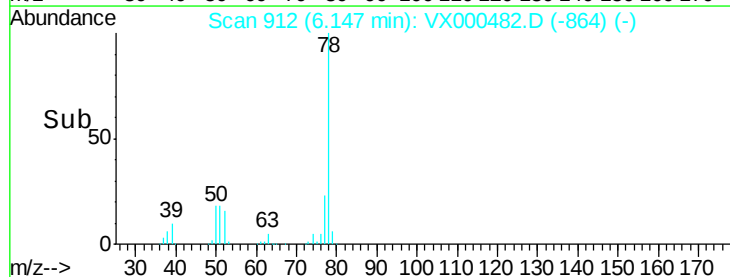
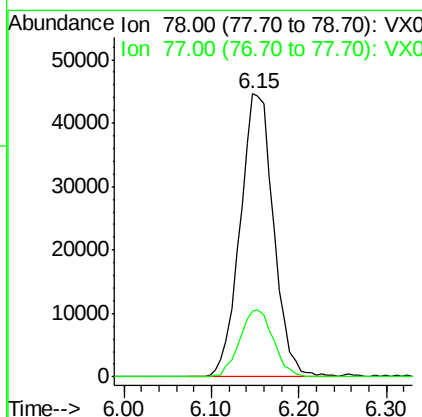
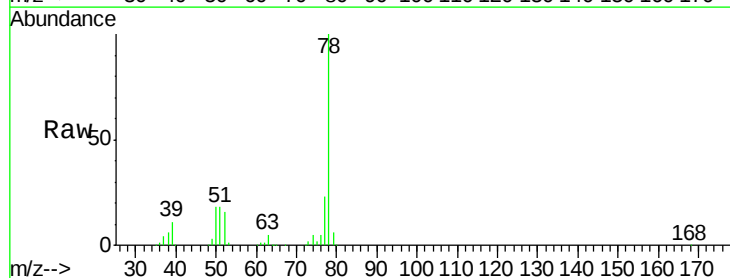
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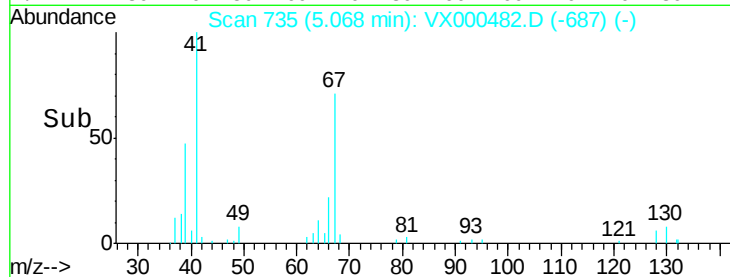
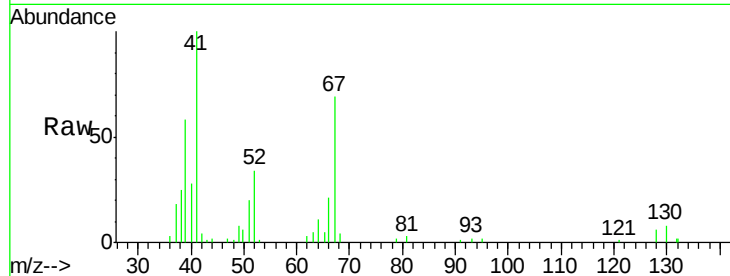
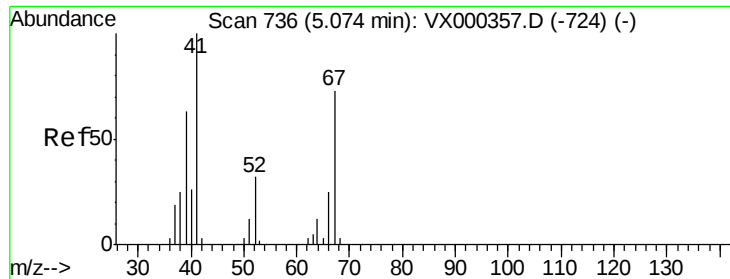
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#40
Benzene
Concen: 21.36 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.7	28.1





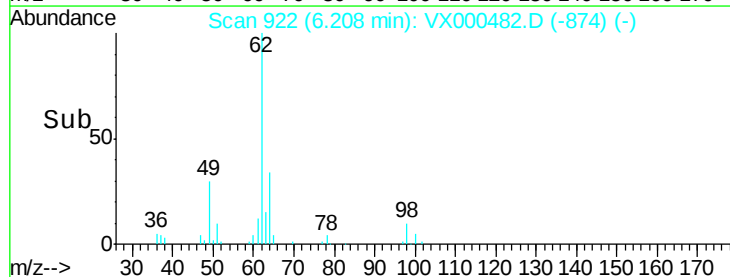
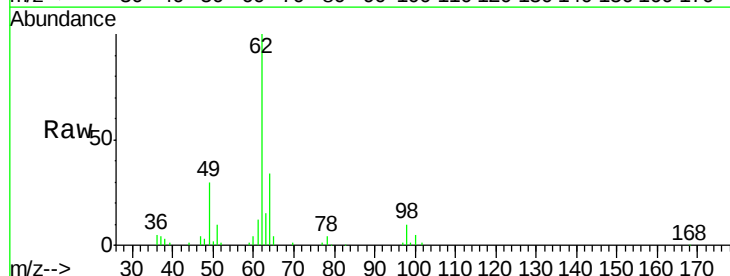
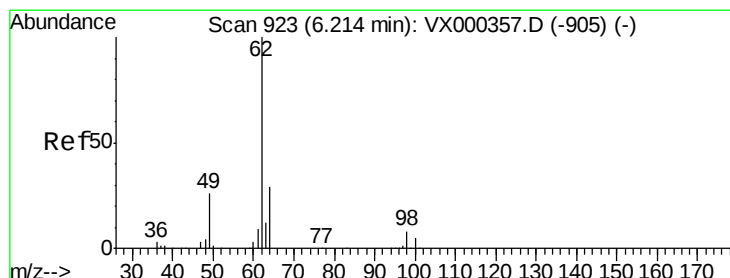
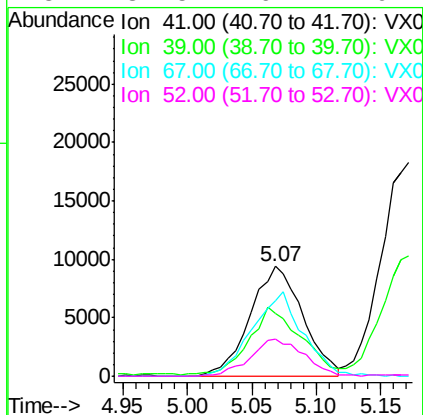
#41
Methacrylonitrile
Concen: 19.42 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		26684		
39	59.8	45.7	68.5		
67	74.6	57.8	86.8		
52	34.5	26.7	40.1		

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBS01

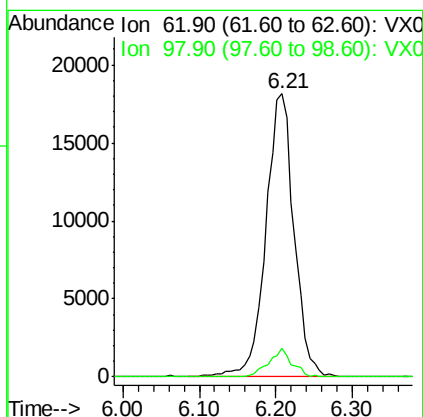
Manual Integrations
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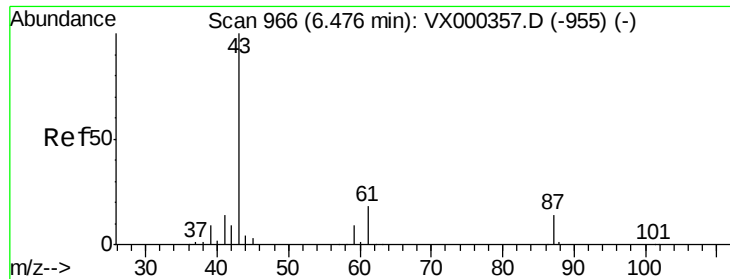
MMDadoda
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#42
1,2-Dichloroethane
Concen: 21.42 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		46571		
98	8.4	0.0	15.8		





#43

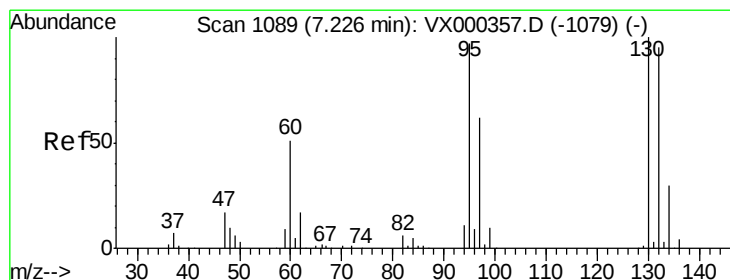
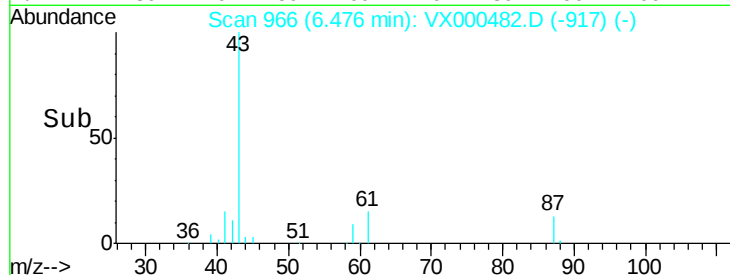
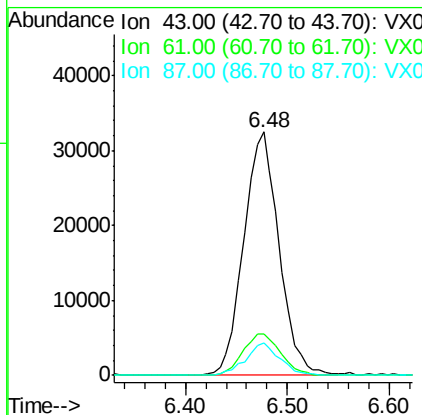
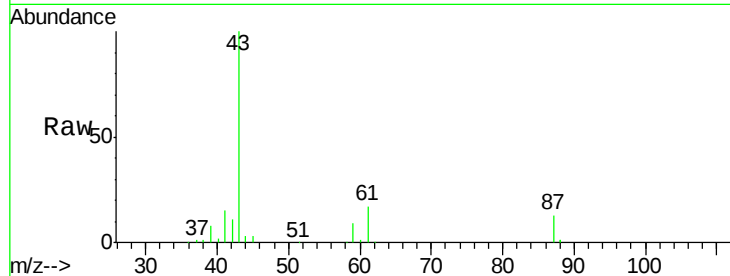
Isopropyl Acetate
 Concen: 20.18 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.4	21.6
87	12.8	11.0	16.4

Manual Integrations
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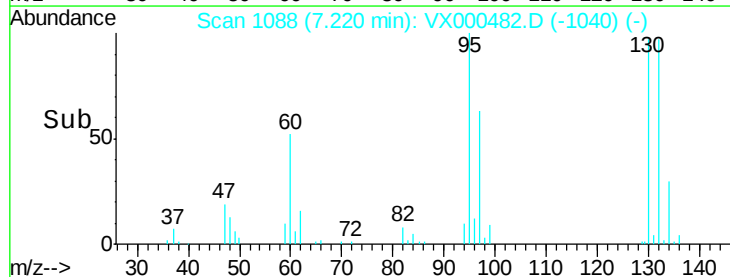
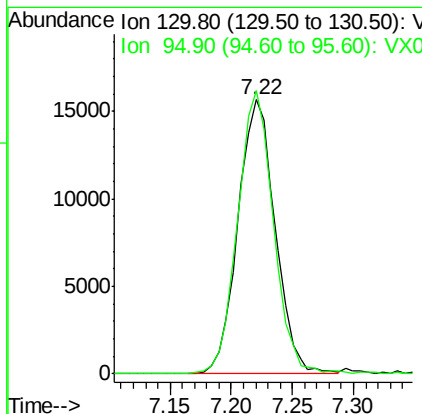
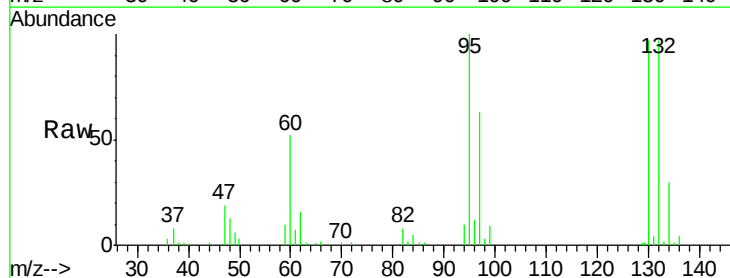
MMDadoda
 3/29/2018 11:19:40 AM



#44

Trichloroethene
 Concen: 20.88 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.3	0.0	186.0





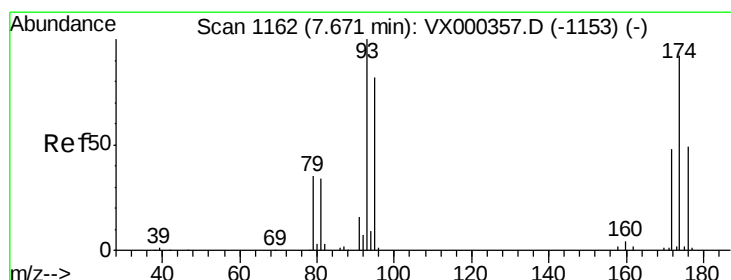
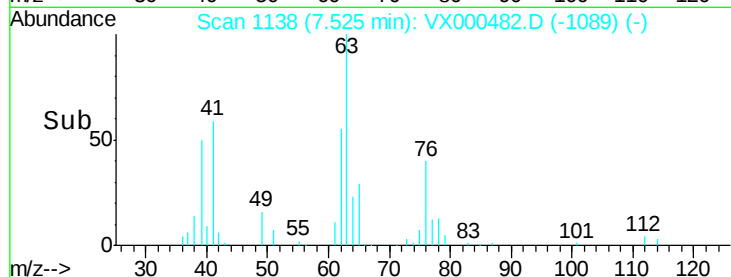
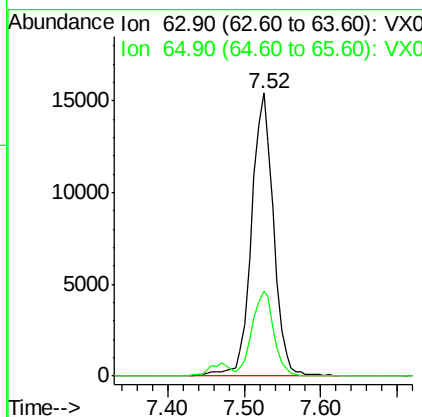
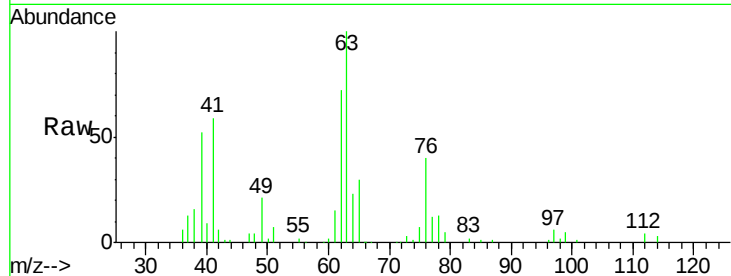
#45
 1,2-Dichloropropane
 Concen: 21.95 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBS01

Tot Ion: 63 Resp: 31128
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.6 36.8

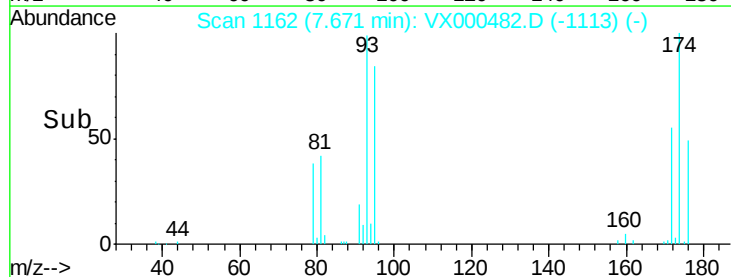
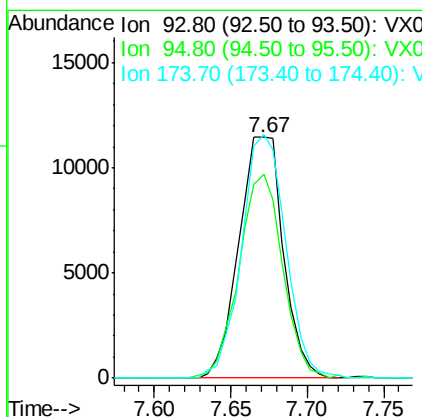
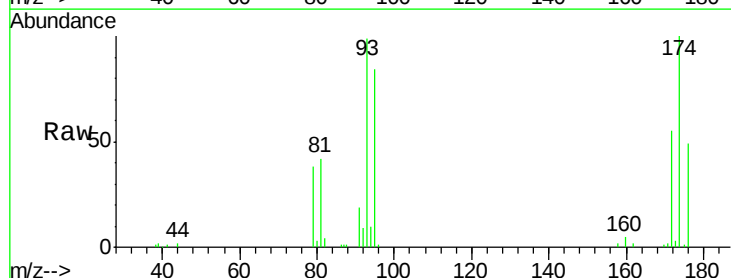
Manual Integrations
 APPROVED

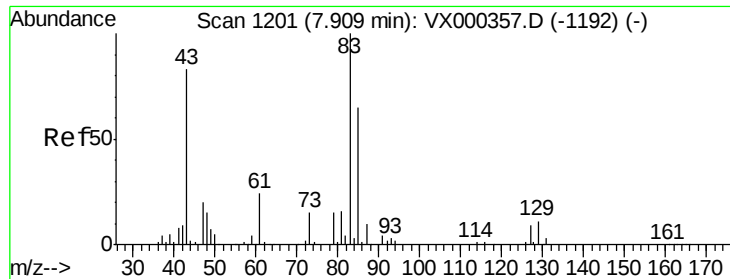
MMDadoda
 3/29/2018 11:19:40 AM



#46
 Dibromomethane
 Concen: 20.85 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Tgt Ion: 93 Resp: 23210
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.5 99.7
 174 100.1 76.0 114.0





#47

Bromodichloromethane

Concen: 21.19 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

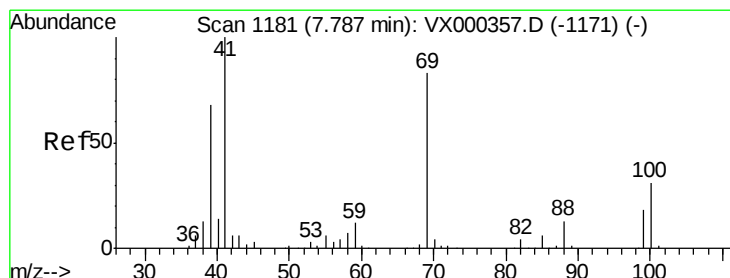
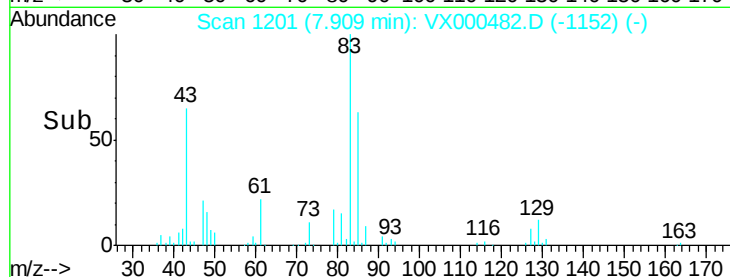
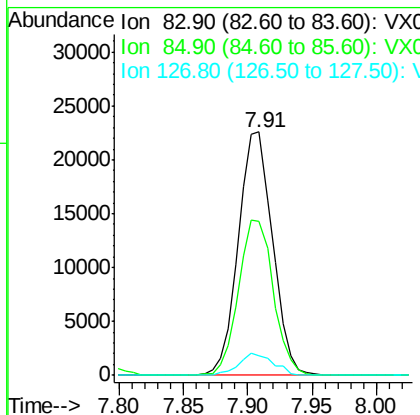
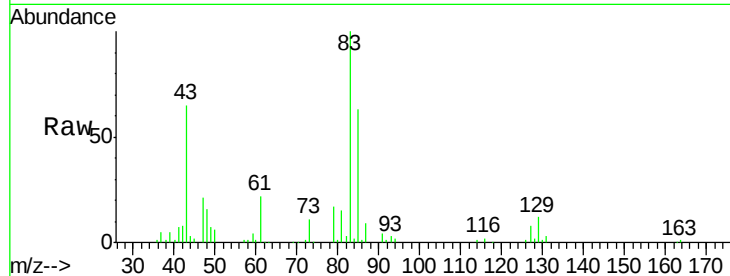
ClientSampleId :

VX0328WBS01

Tot Ion:	83	Resp:	41505
Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.4	77.0
127	7.8	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.74 ug/l

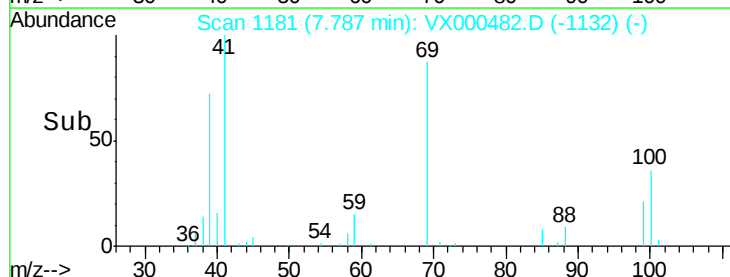
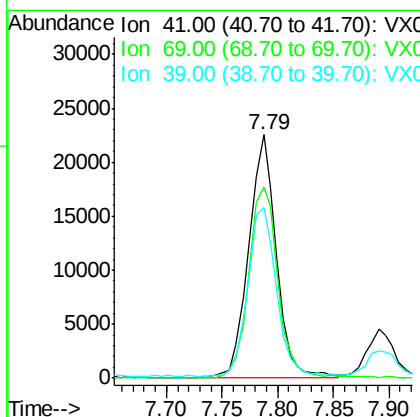
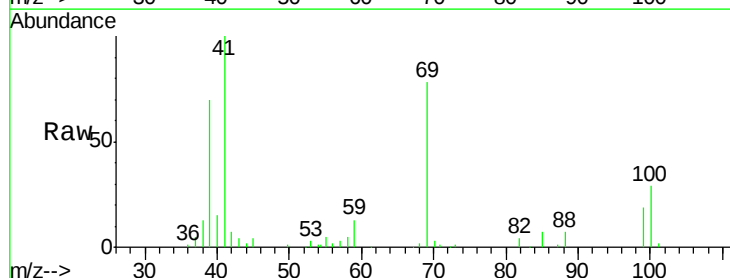
RT: 7.79 min Scan# 1181

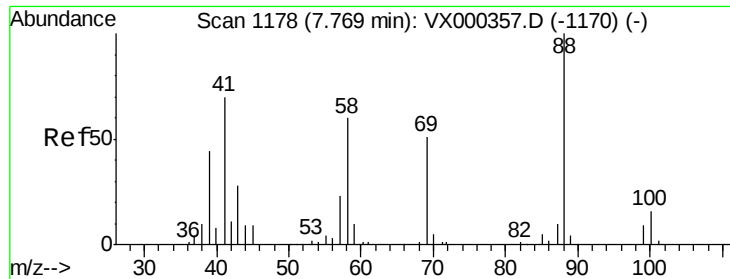
Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Tgt Ion:	41	Resp:	39068
Ion	Ratio	Lower	Upper
41	100		
69	82.8	68.2	102.4
39	72.4	54.6	81.8





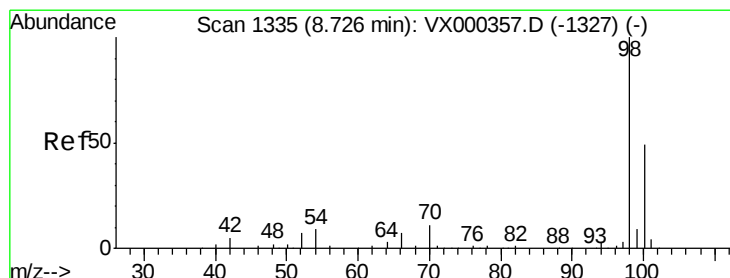
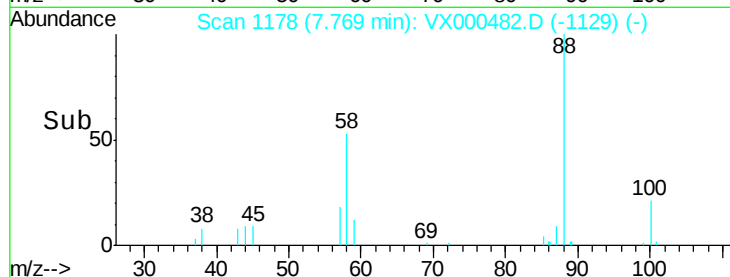
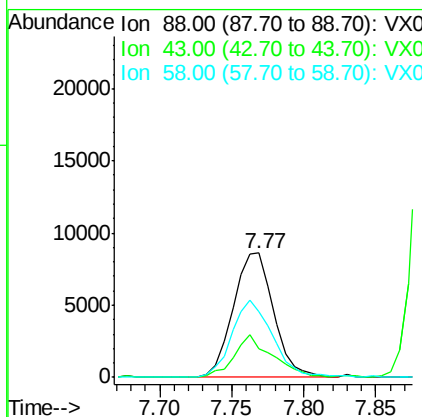
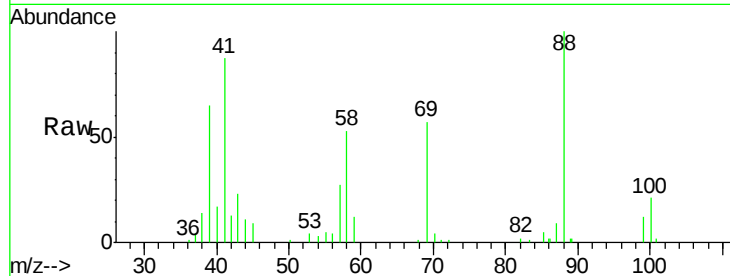
#49
1,4-Dioxane
Concen: 426.21 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampled :
VX0328WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.6	26.8	40.2
58	62.4	52.2	78.2

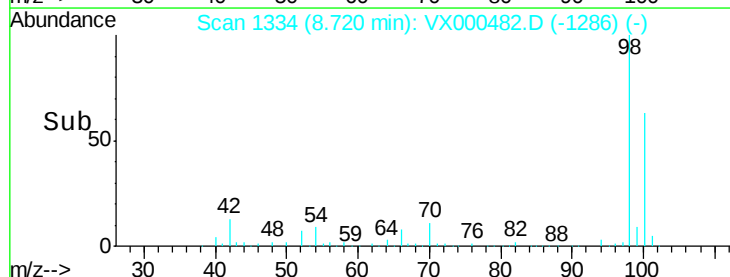
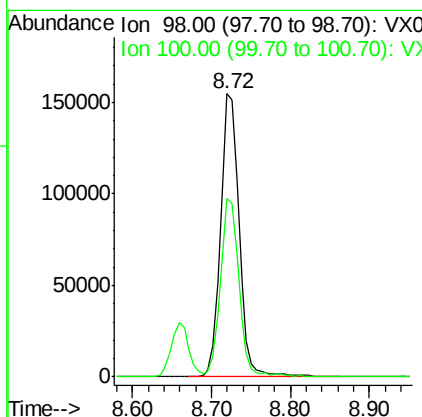
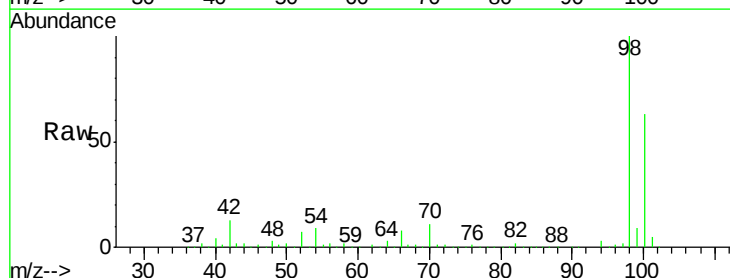
Manual Integrations
APPROVED

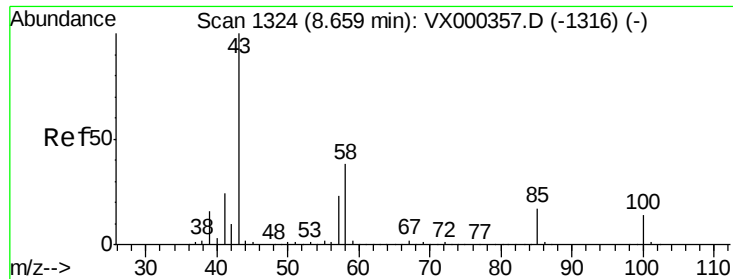
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#50
Toluene-d8
Concen: 47.70 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.8	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 105.94 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBS01

Tot Ion: 43 Resp: 318112

Ion Ratio Lower Upper

43 100

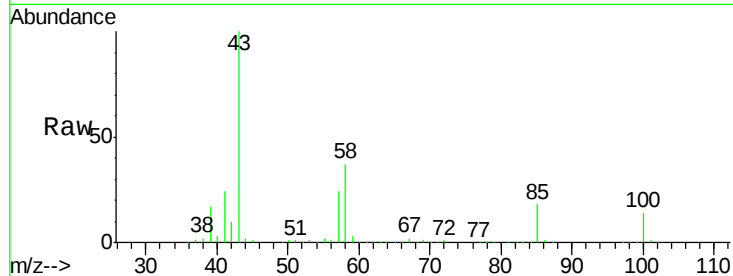
58 36.8 30.3 45.5

Manual Integrations

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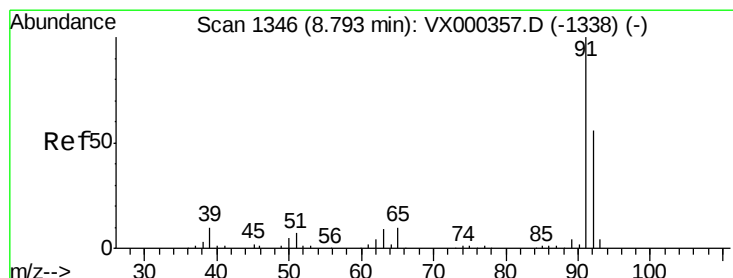
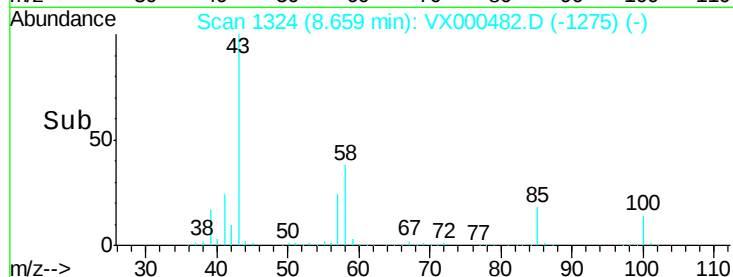
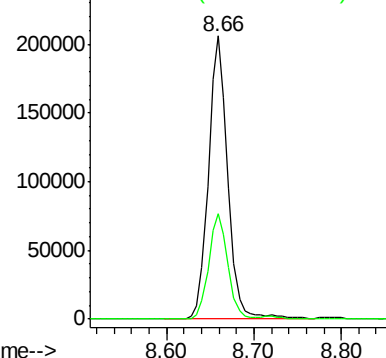
MMDadoda

3/29/2018 11:19:40 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 21.47 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000482.D

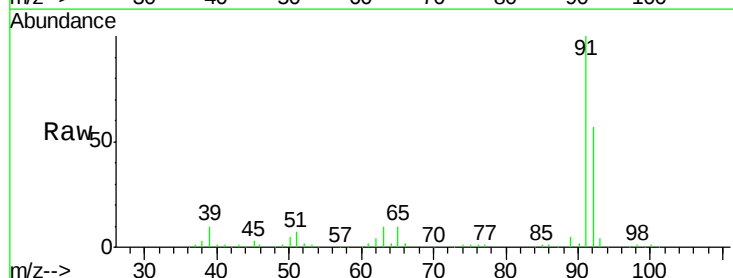
Acq: 28 Mar 2018 12:13

Tgt Ion: 92 Resp: 83161

Ion Ratio Lower Upper

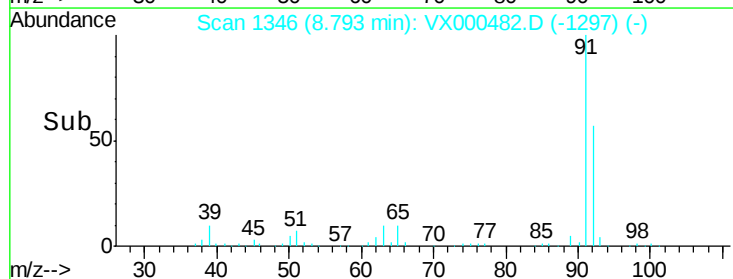
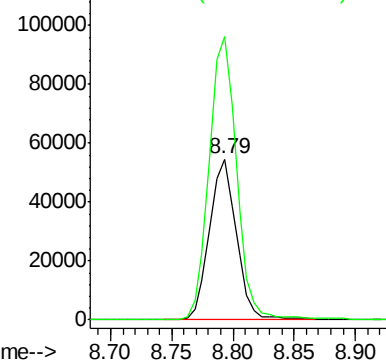
92 100

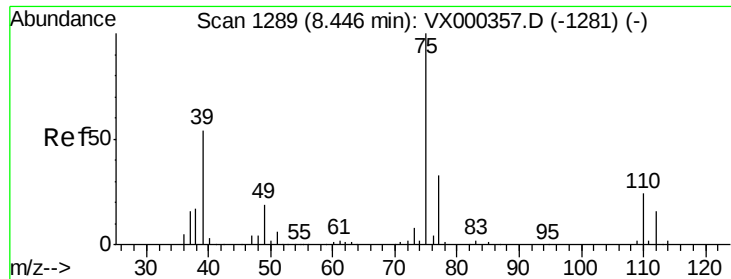
91 181.0 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





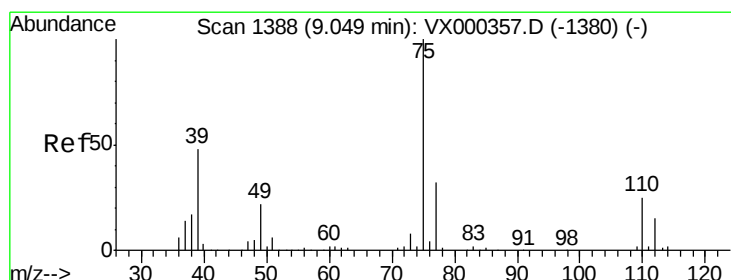
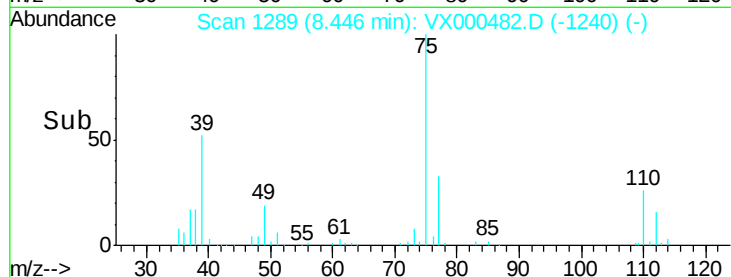
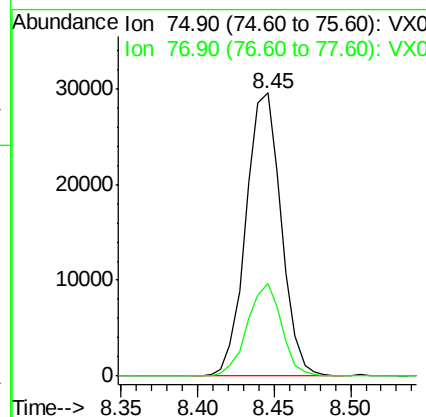
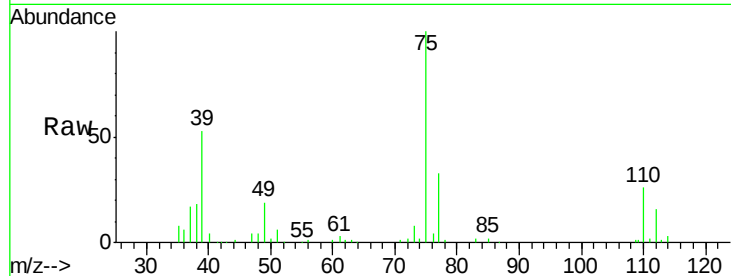
#53
t-1,3-Dichloropropene
Concen: 20.88 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBS01

Tot Ion: 75 Resp: 47381
Ion Ratio Lower Upper
75 100
77 32.6 24.0 36.0

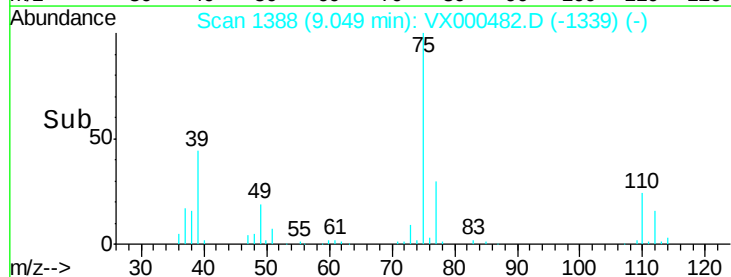
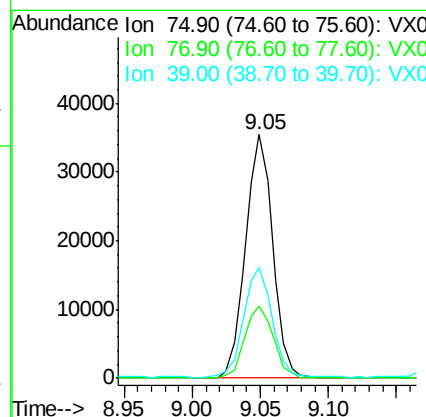
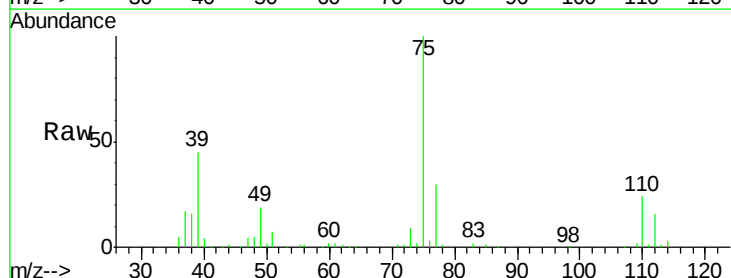
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#54
cis-1,3-Dichloropropene
Concen: 22.53 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tgt Ion: 75 Resp: 49607
Ion Ratio Lower Upper
75 100
77 29.7 26.1 39.1
39 45.0 39.8 59.6





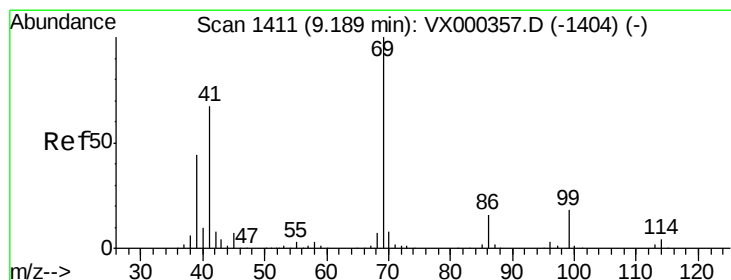
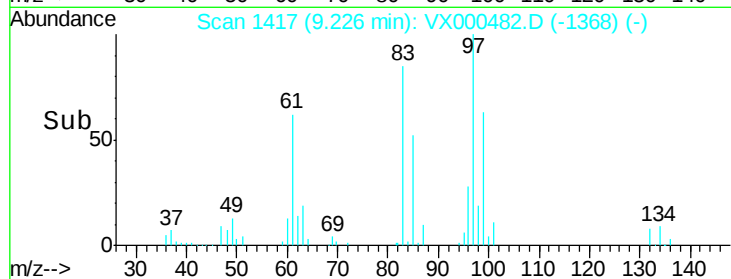
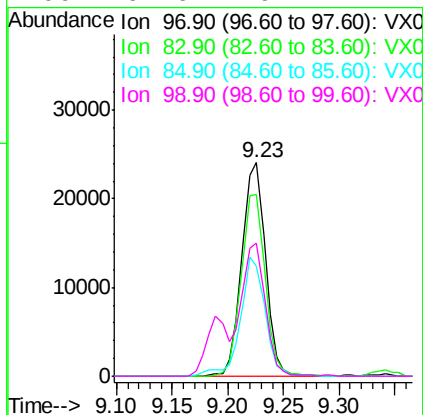
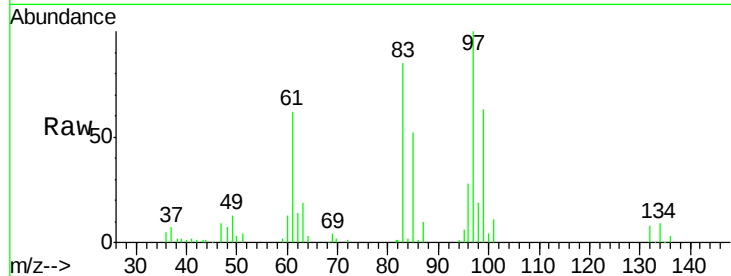
#55
 1,1,2-Trichloroethane
 Concen: 22.44 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBS01

Tot Ion:	97	Resp:	35750
Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.9	101.9
85	51.7	42.8	64.2
99	62.6	49.4	74.2

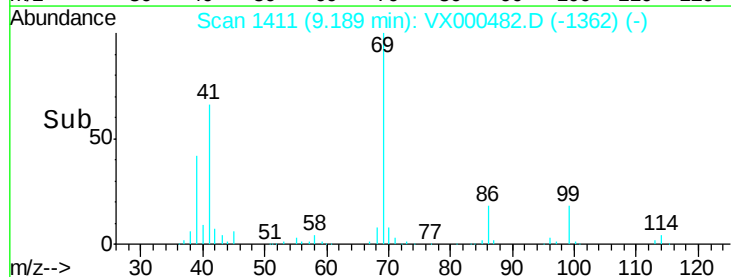
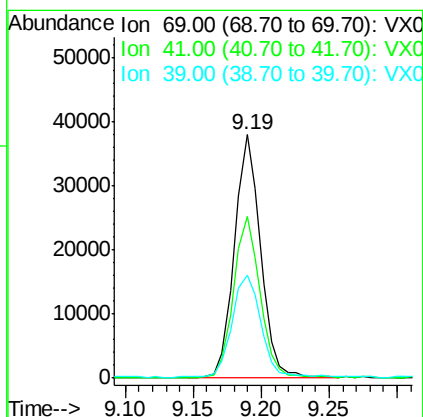
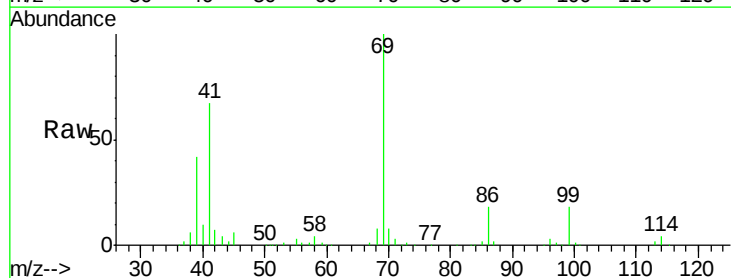
Manual Integrations
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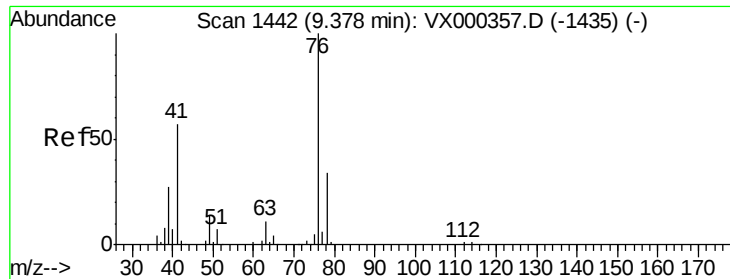
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#56
 Ethyl methacrylate
 Concen: 21.15 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Tgt Ion:	69	Resp:	51059
Ion	Ratio	Lower	Upper
69	100		
41	67.8	53.0	79.6
39	46.3	35.3	52.9





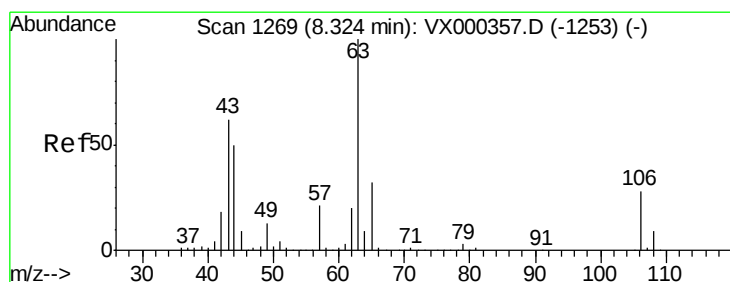
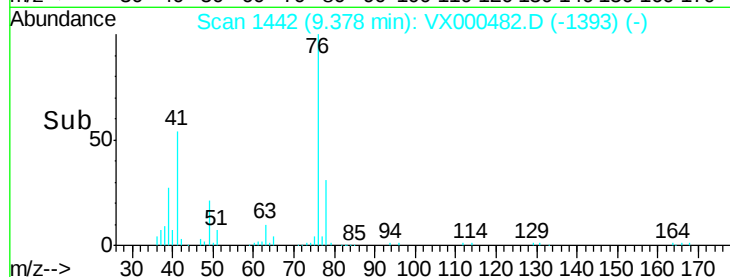
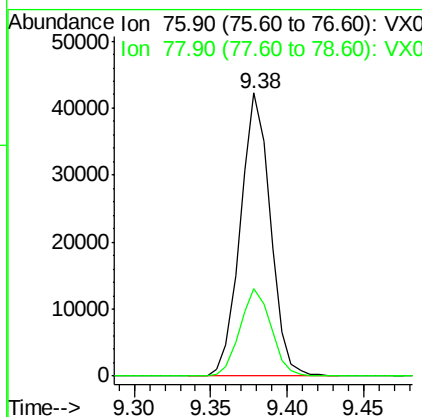
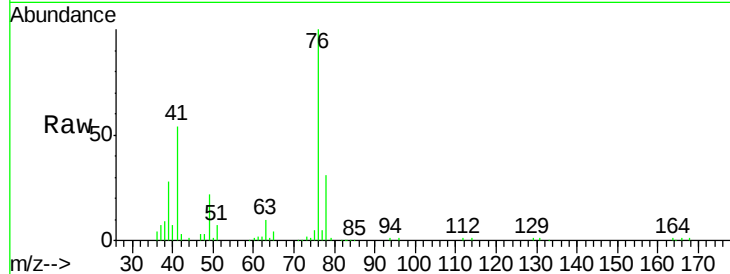
#57
 1,3-Dichloropropane
 Concen: 22.62 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBS01

Tot Ion: 76 Resp: 57619
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.4 39.6

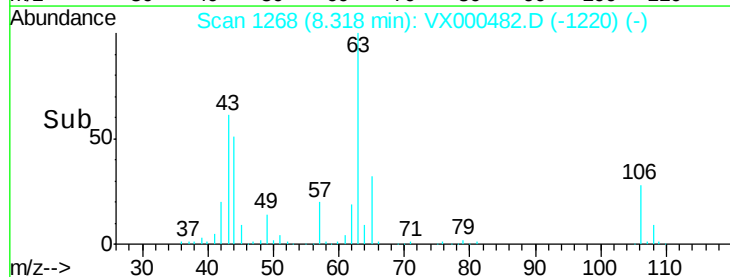
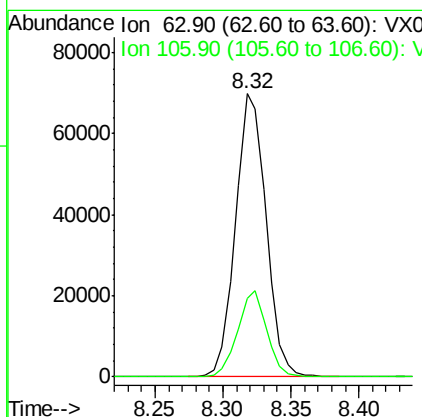
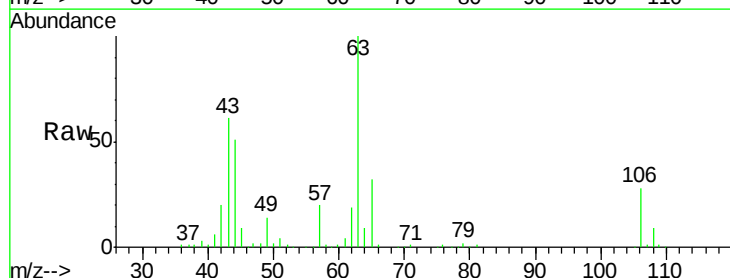
Manual Integrations
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 3/29/2018 11:19:40 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.41 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Tgt Ion: 63 Resp: 109371
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.2 34.8





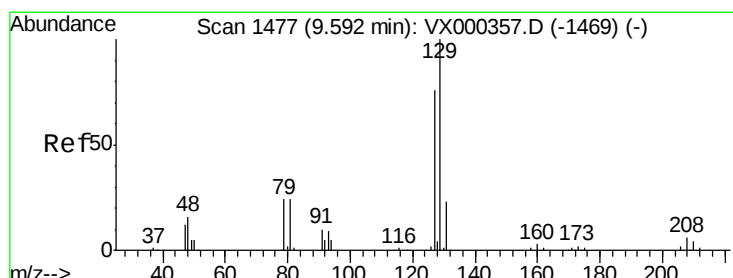
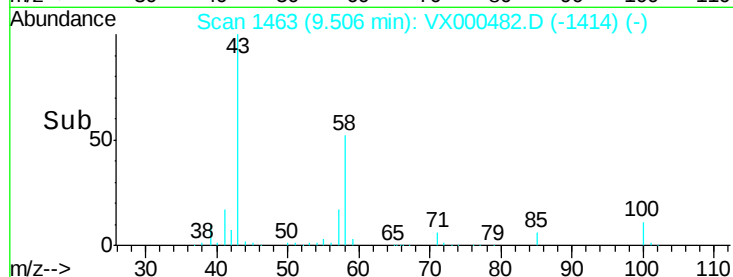
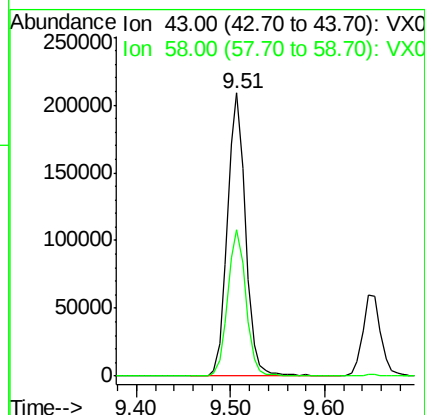
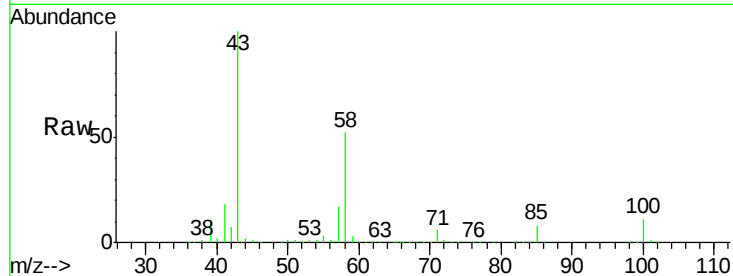
#59
2-Hexanone
Concen: 109.60 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBS01

Tot Ion: 43 Resp: 279437
Ion Ratio Lower Upper
43 100
58 51.9 26.6 79.7

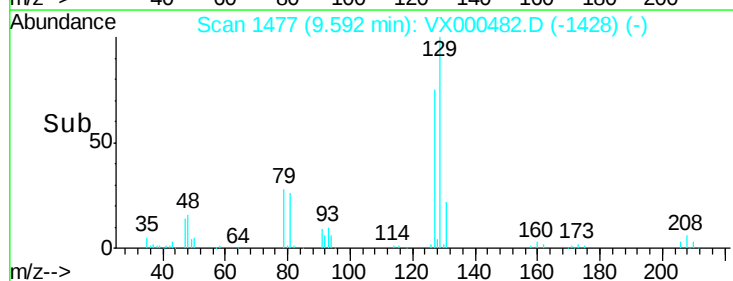
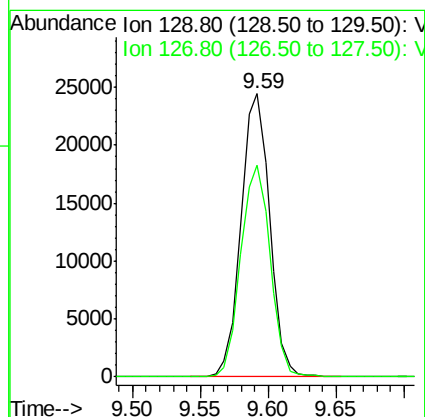
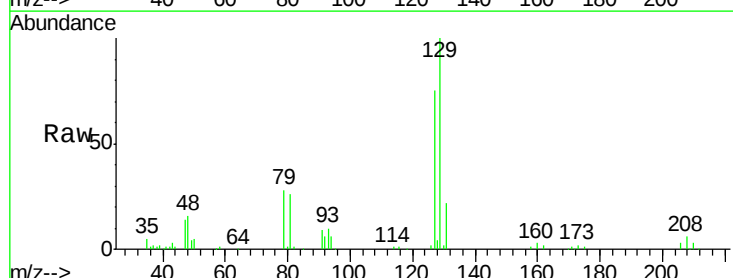
Manual Integrations
APPROVED

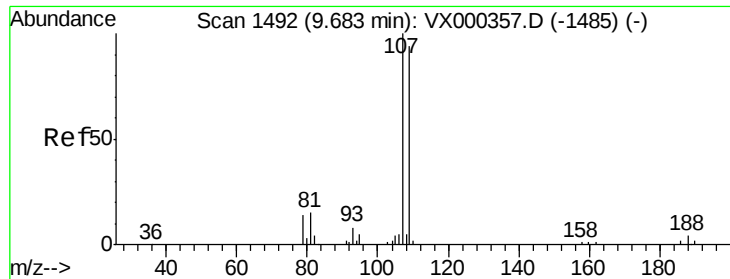
MMDadoda
3/29/2018 11:19:40 AM



#60
Dibromochloromethane
Concen: 21.66 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tgt Ion: 129 Resp: 36031
Ion Ratio Lower Upper
129 100
127 76.6 37.9 113.6





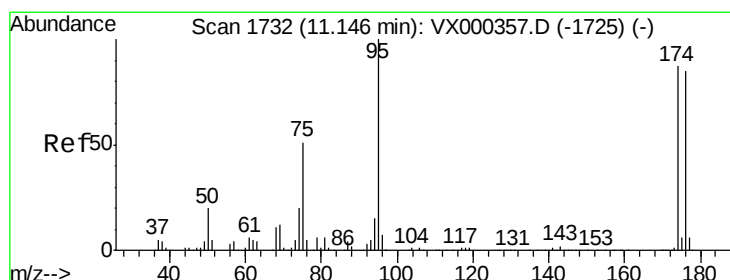
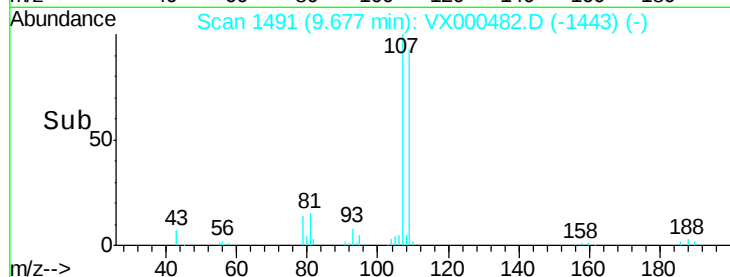
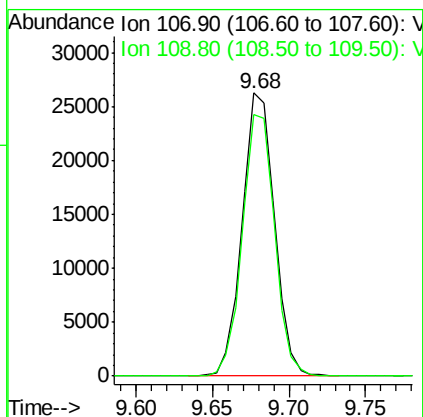
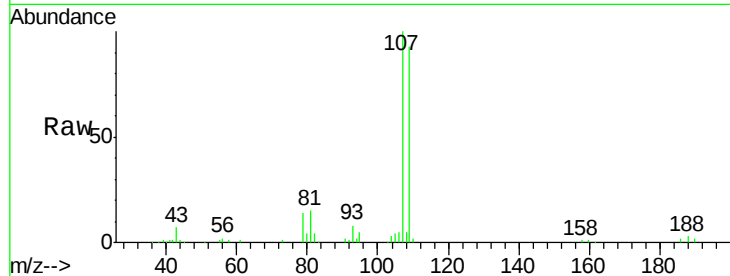
#61
 1,2-Dibromoethane
 Concen: 22.51 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBS01

Tot Ion:107 Resp: 38456
 Ion Ratio Lower Upper
 107 100
 109 92.7 76.1 114.1

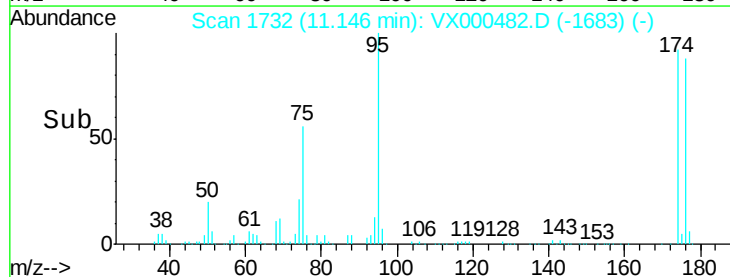
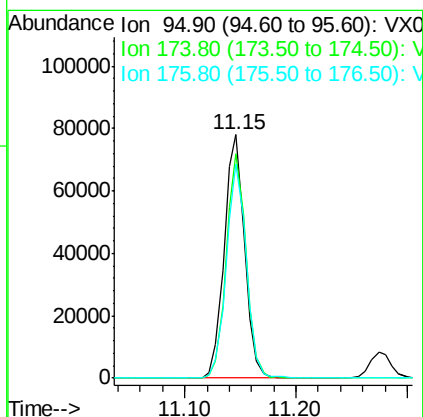
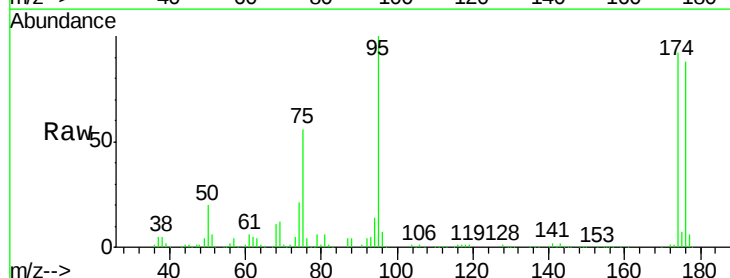
Manual Integrations
 APPROVED

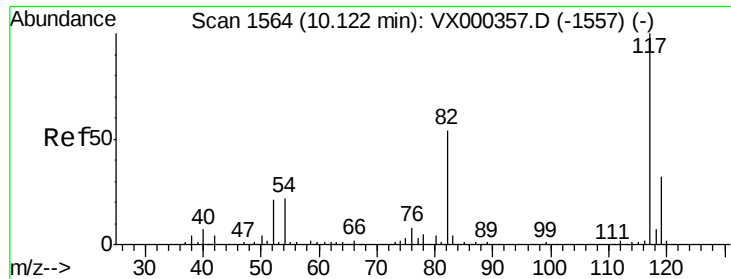
MMDadoda
 3/29/2018 11:19:40 AM



#62
 4-Bromofluorobenzene
 Concen: 44.50 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Tgt Ion: 95 Resp: 98203
 Ion Ratio Lower Upper
 95 100
 174 89.7 0.0 173.6
 176 86.4 0.0 164.6





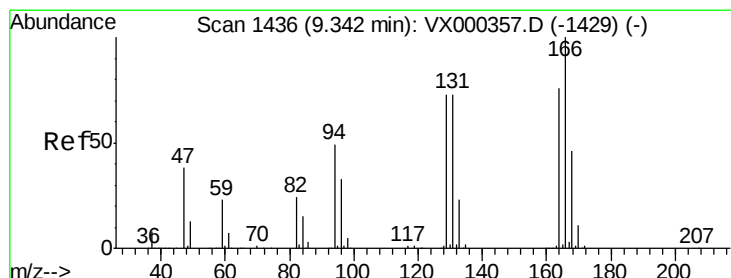
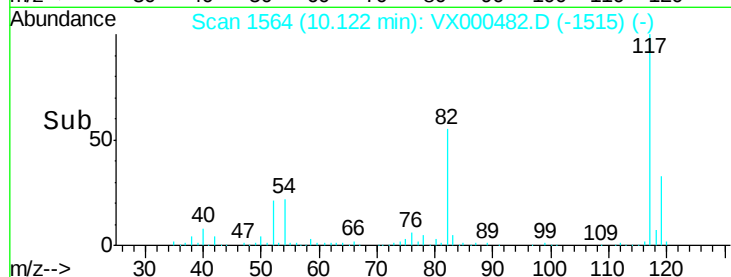
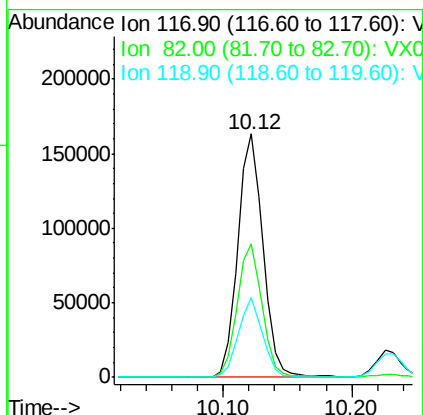
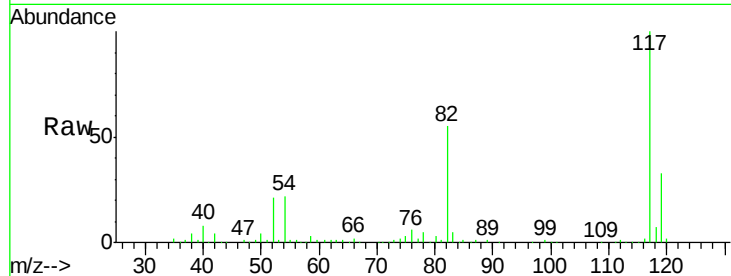
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.8	65.8
119	32.7	24.9	37.3

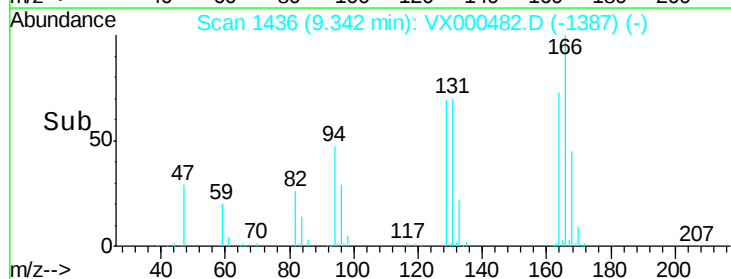
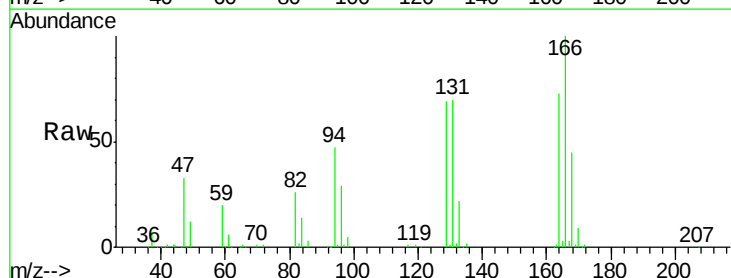
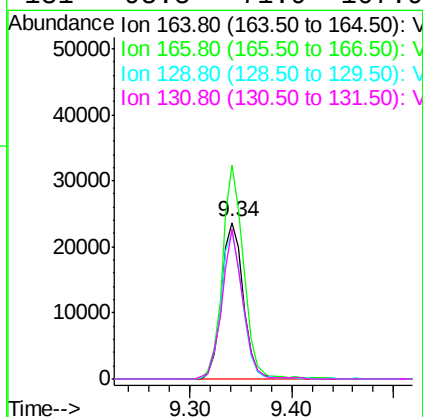
Manual Integrations
APPROVED

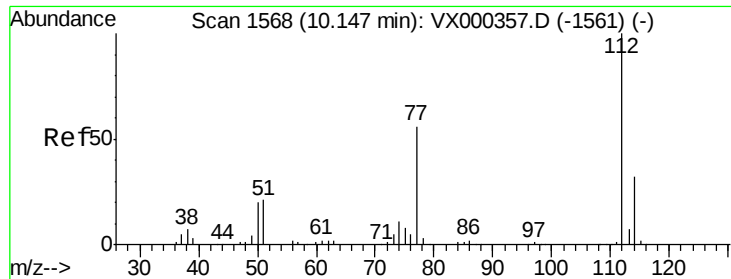
MMDadoda
3/29/2018 11:19:40 AM



#64
Tetrachloroethene
Concen: 20.38 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	136.7	101.0	151.6
129	94.1	79.0	118.4
131	95.5	71.9	107.9





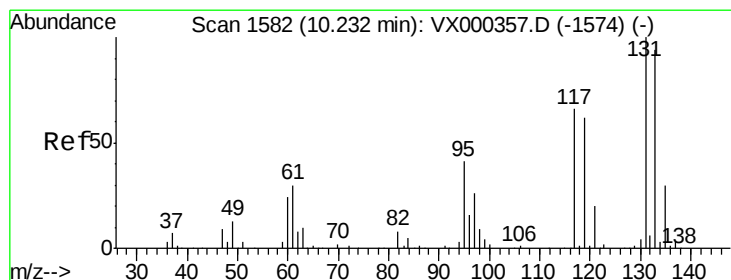
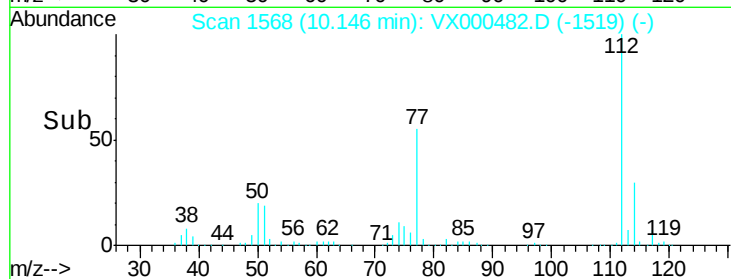
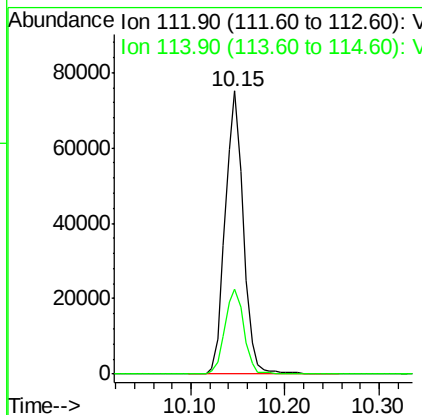
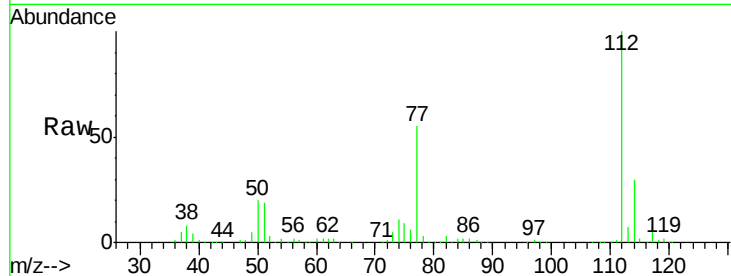
#65
Chlorobenzene
Concen: 20.41 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampled :
VX0328WBS01

Tot Ion:112 Resp: 100915
Ion Ratio Lower Upper
112 100
114 29.8 25.7 38.5

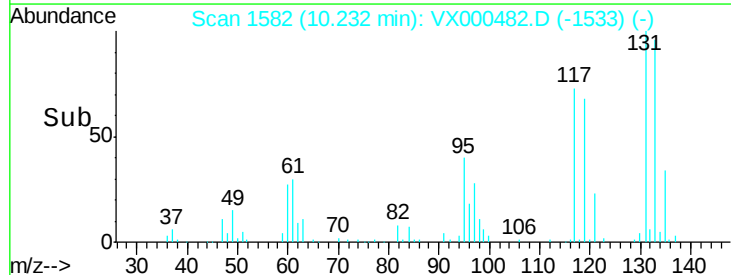
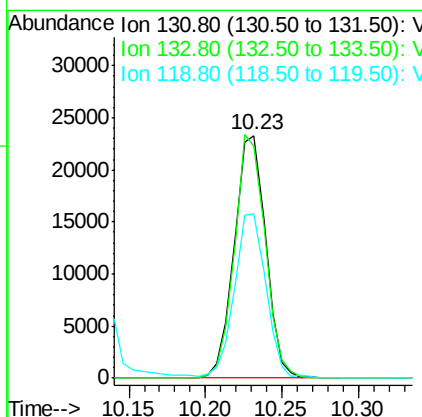
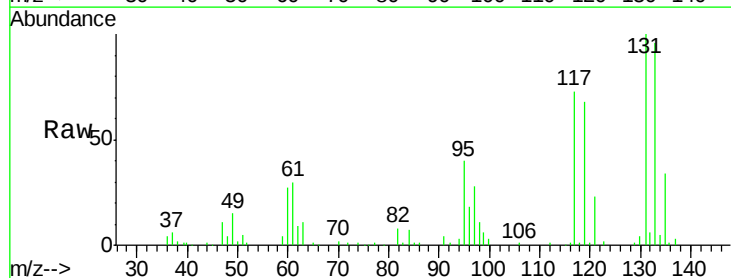
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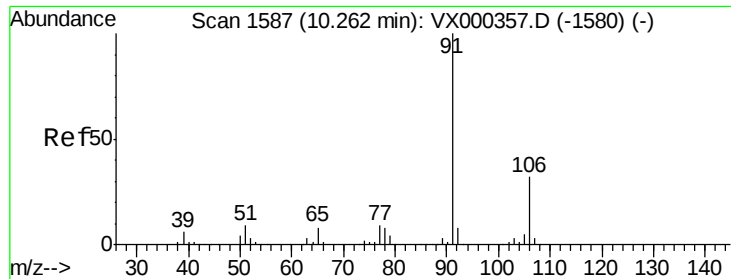
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.77 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tgt Ion:131 Resp: 33195
Ion Ratio Lower Upper
131 100
133 97.7 47.1 141.3
119 68.5 33.1 99.2





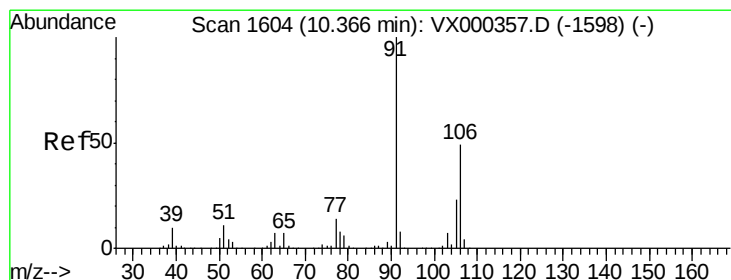
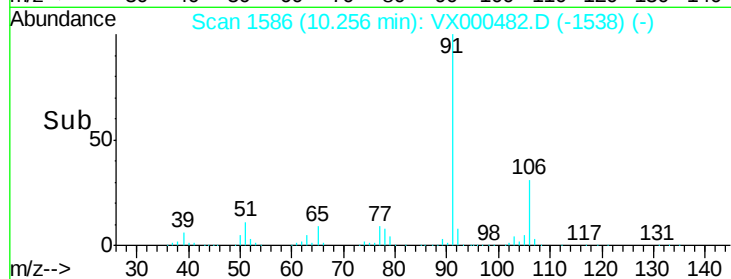
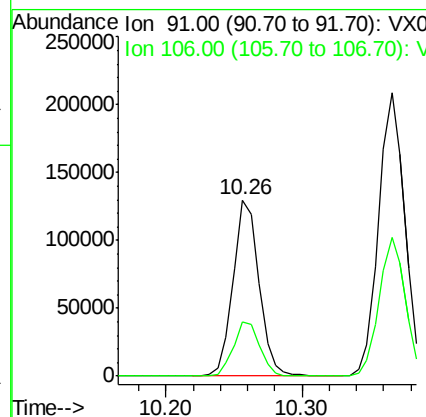
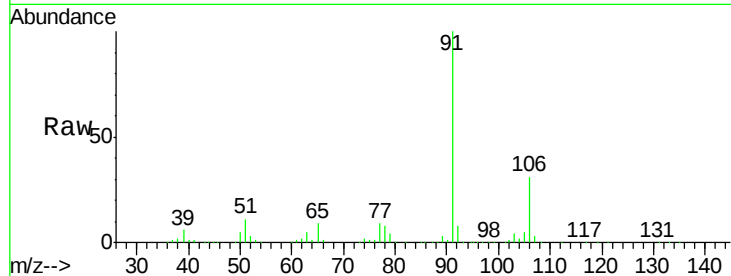
#67
Ethyl Benzene
Concen: 20.66 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBS01

Tot Ion: 91 Resp: 173190
Ion Ratio Lower Upper
91 100
106 30.6 25.0 37.6

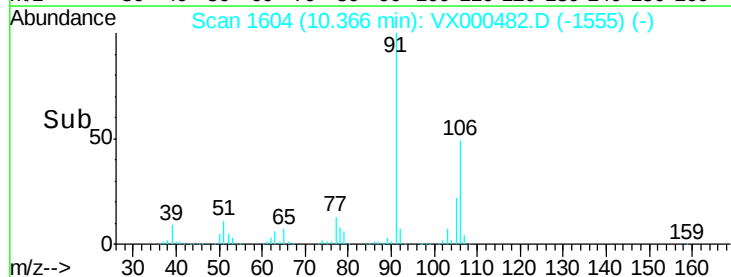
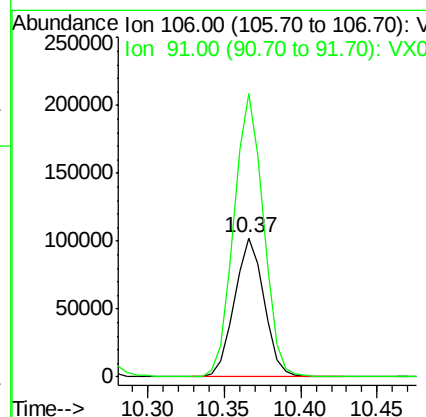
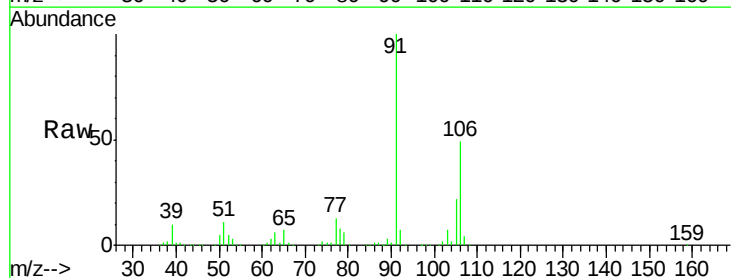
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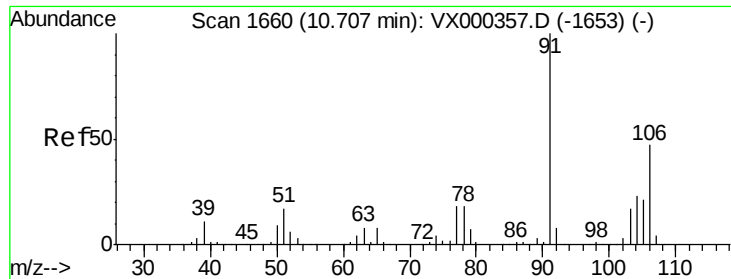
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#68
m/p-Xylenes
Concen: 41.43 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tgt Ion: 106 Resp: 136659
Ion Ratio Lower Upper
106 100
91 203.7 163.4 245.2





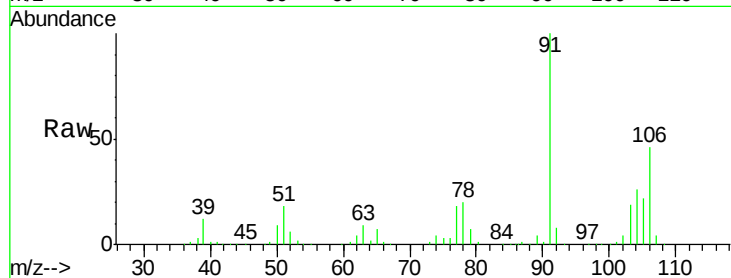
#69
o-Xylene
Concen: 20.01 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBS01

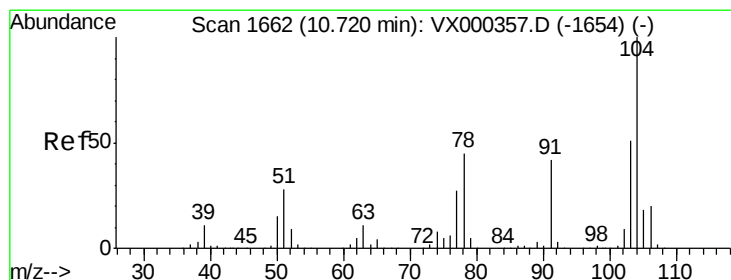
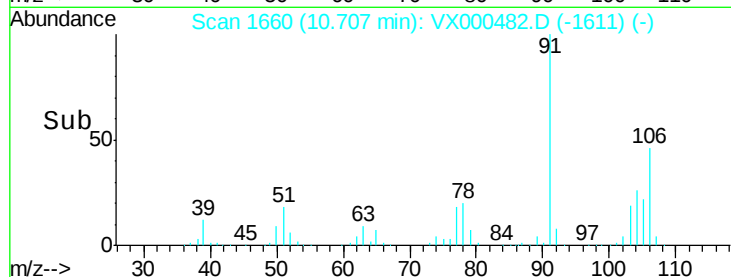
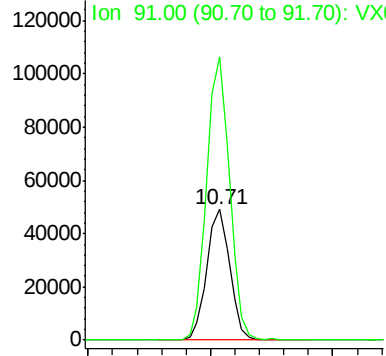
Tot Ion:106 Resp: 63909
Ion Ratio Lower Upper
106 100
91 215.6 106.5 319.6

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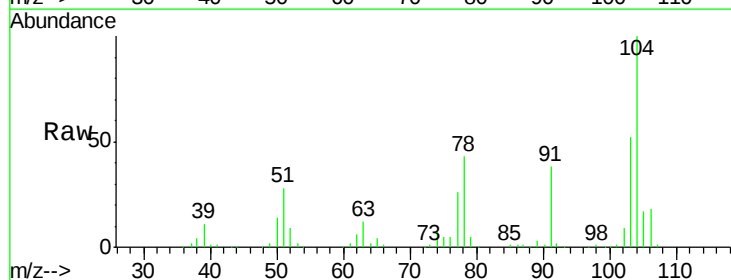


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

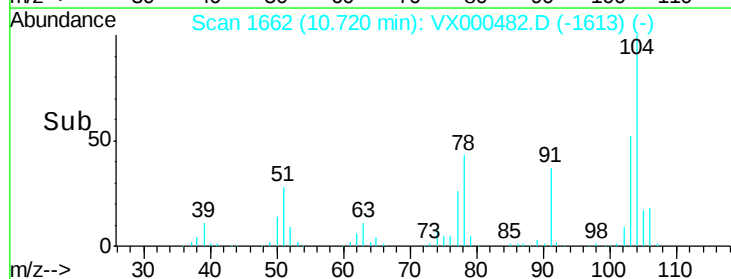
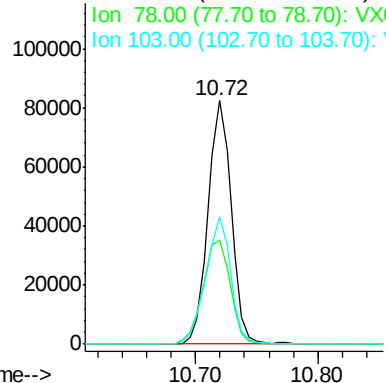


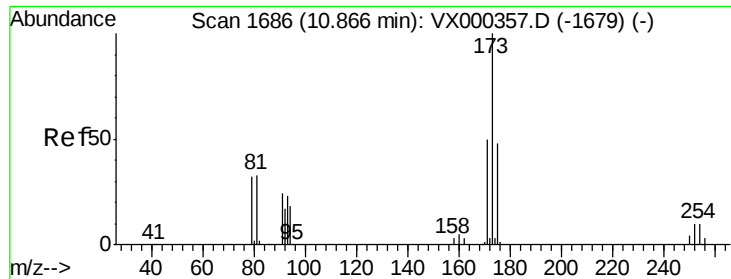
#70
Styrene
Concen: 20.42 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tgt Ion:104 Resp: 107928
Ion Ratio Lower Upper
104 100
78 50.4 40.5 60.7
103 56.0 45.7 68.5



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





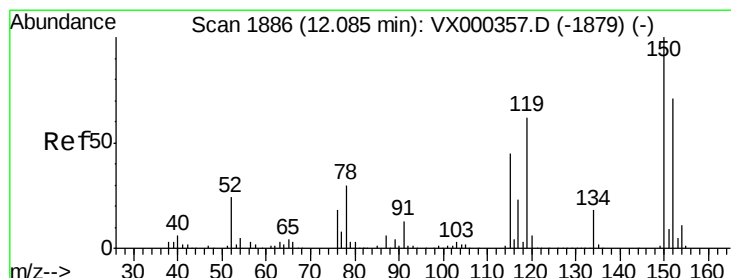
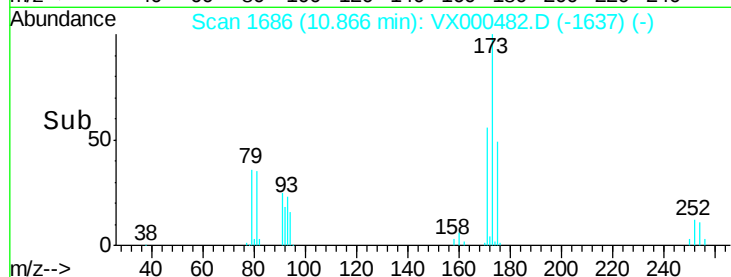
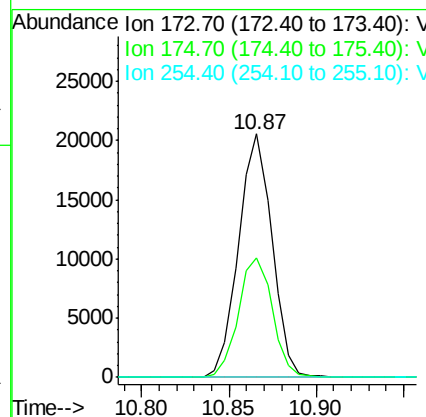
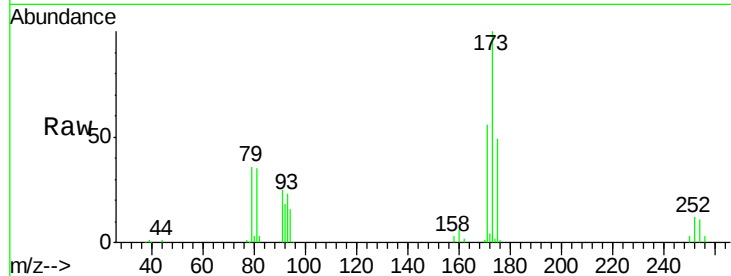
#71
Bromoform
Concen: 18.98 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBS01

Tot Ion:173 Resp: 27487
Ion Ratio Lower Upper
173 100
175 49.7 25.4 76.4
254 0.1 0.0 0.0#

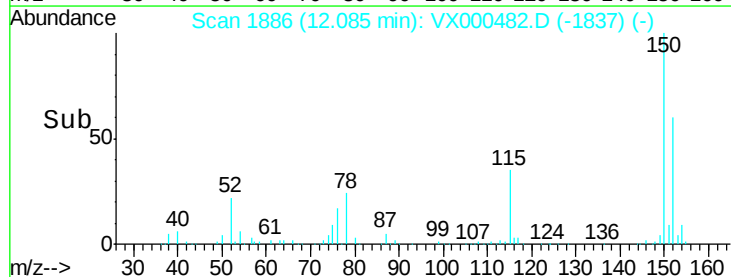
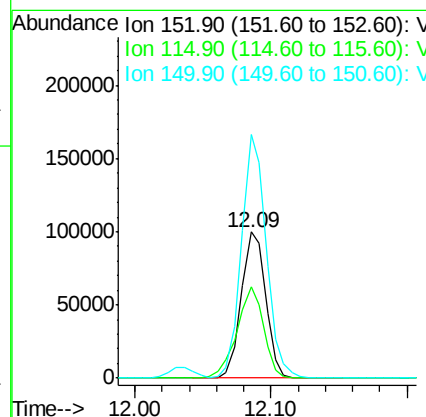
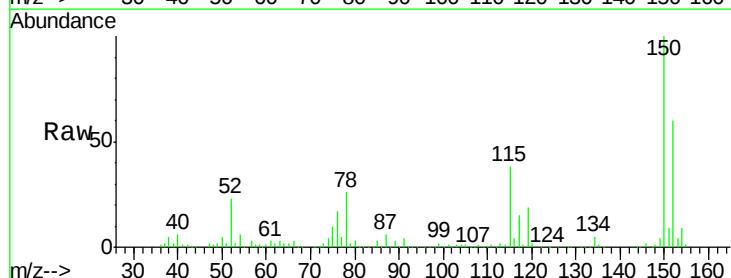
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tgt Ion:152 Resp: 124623
Ion Ratio Lower Upper
152 100
115 68.3 39.8 119.3
150 169.1 0.0 344.4





#73

Isopropylbenzene

Concen: 22.02 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBS01

Tot Ion: 105 Resp: 181843

Ion Ratio Lower Upper

105 100

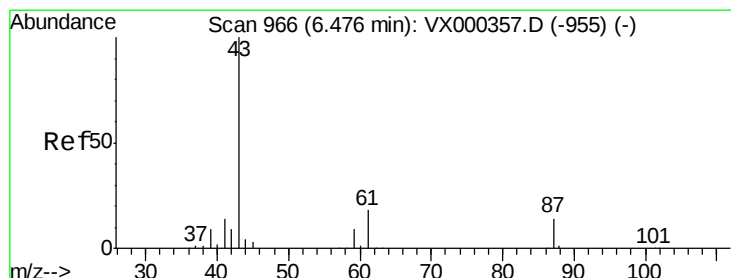
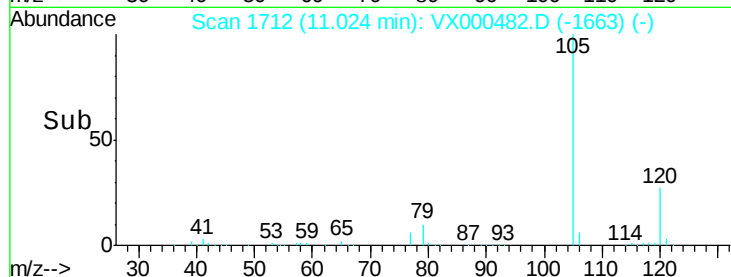
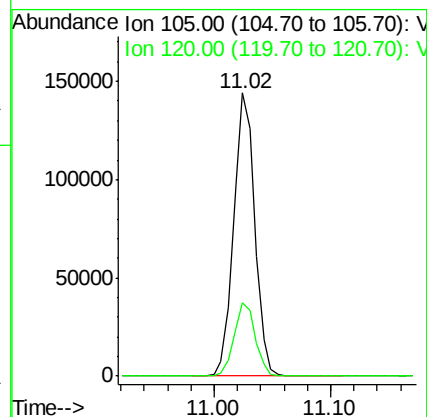
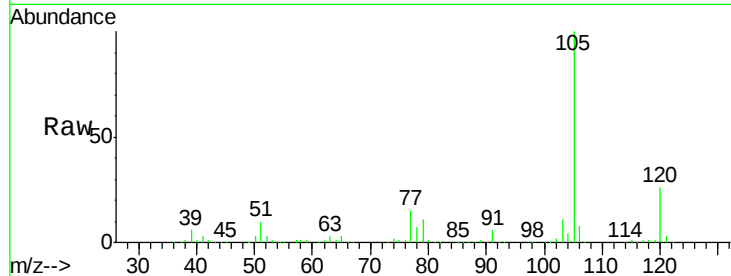
120 26.1 13.6 40.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.76 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Tgt Ion: 43 Resp: 78303

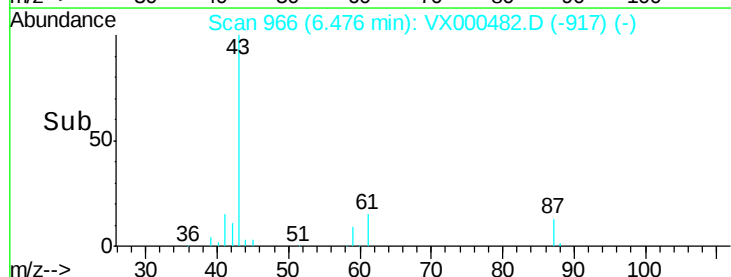
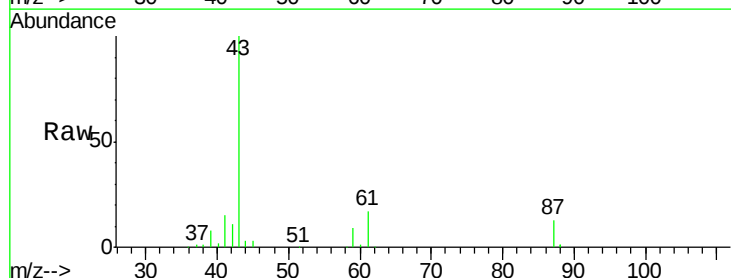
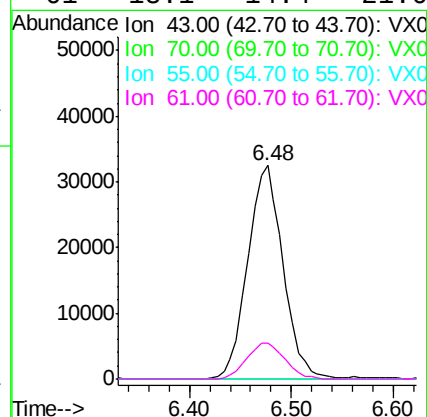
Ion Ratio Lower Upper

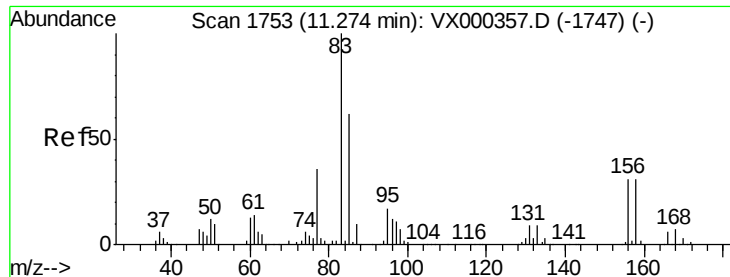
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.1 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.79 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

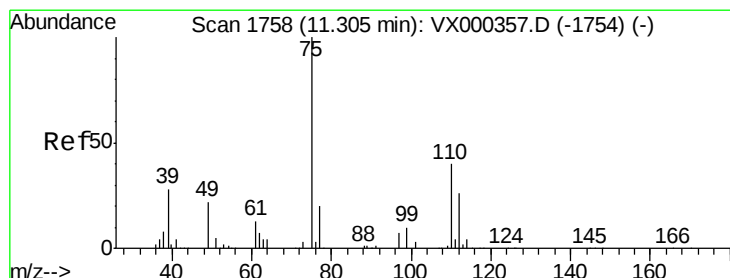
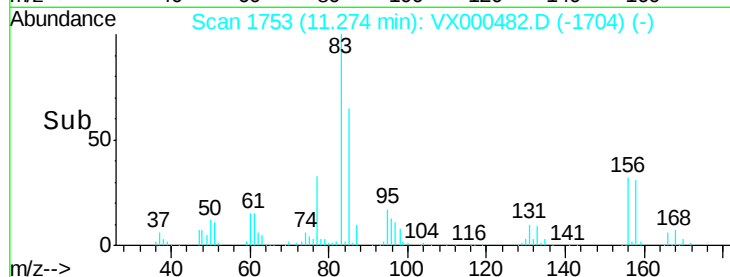
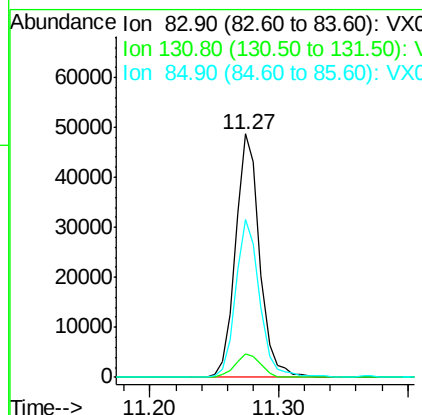
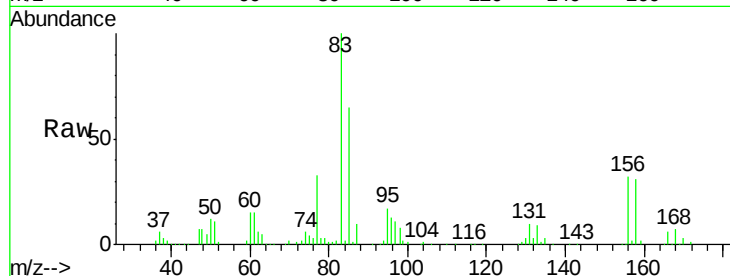
ClientSampleId :

VX0328WBS01

Tot Ion:	83	Resp:	63646
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.0	14.9
85	64.6	32.5	97.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.32 ug/l m

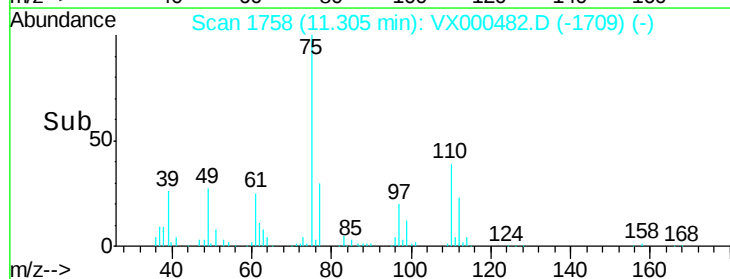
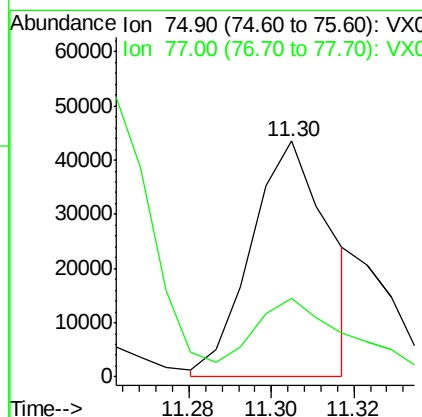
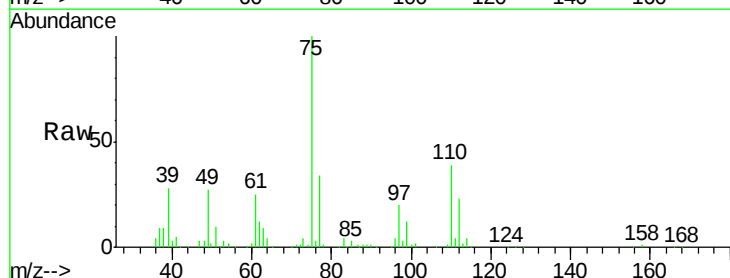
RT: 11.30 min Scan# 1758

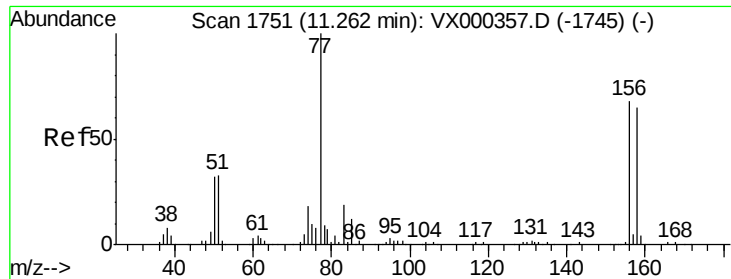
Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Tgt Ion:	75	Resp:	57096
Ion	Ratio	Lower	Upper
75	100		
77	41.8	21.4	64.2





#77

Bromobenzene

Concen: 20.91 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

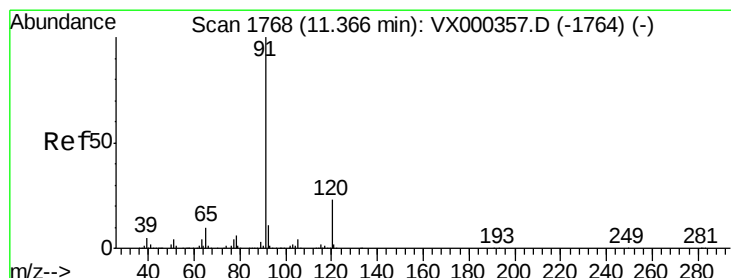
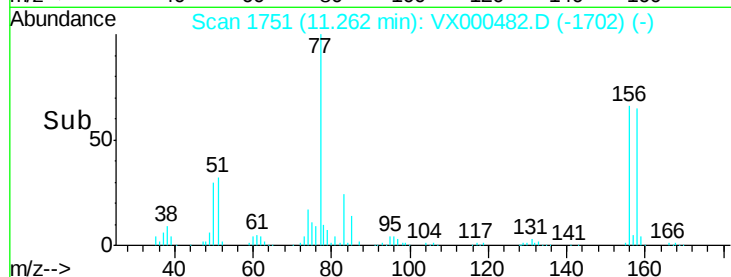
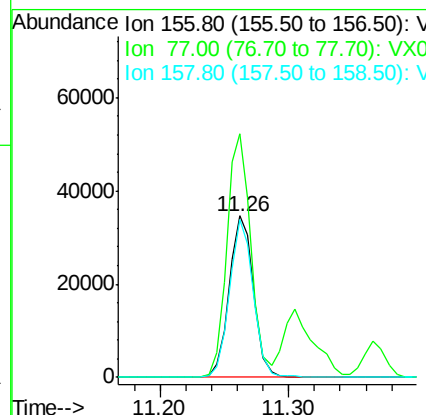
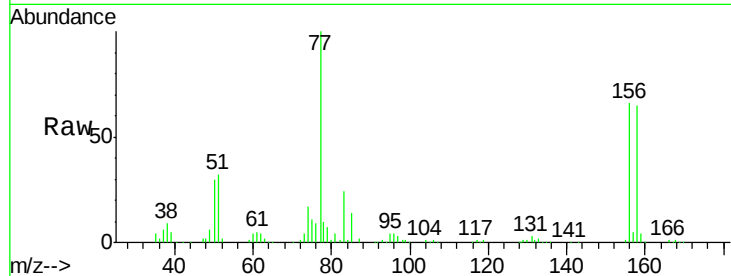
ClientSampleId :

VX0328WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		46005		
77	148.6		73.4	220.2	
158	95.3		48.5	145.6	

Manual Integrations
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#78

n-propylbenzene

Concen: 22.13 ug/l

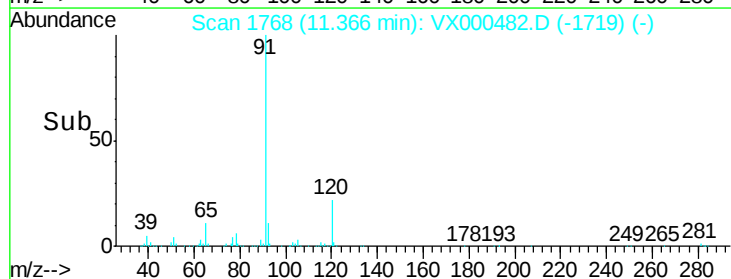
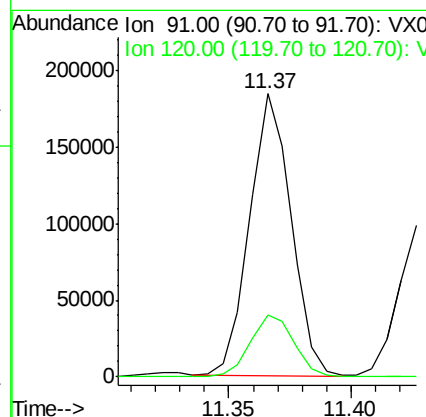
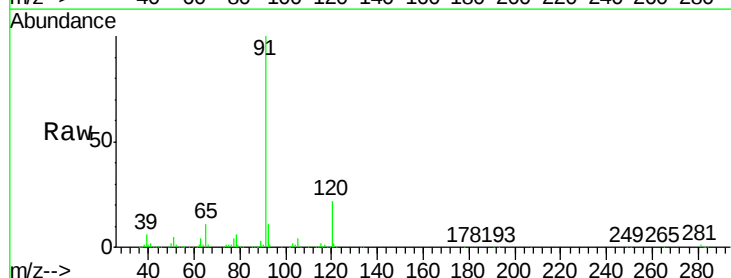
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		217932		
120	23.0		11.8	35.3	





#79

2-Chlorotoluene

Concen: 21.36 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBS01

Tot Ion: 91 Resp: 121490

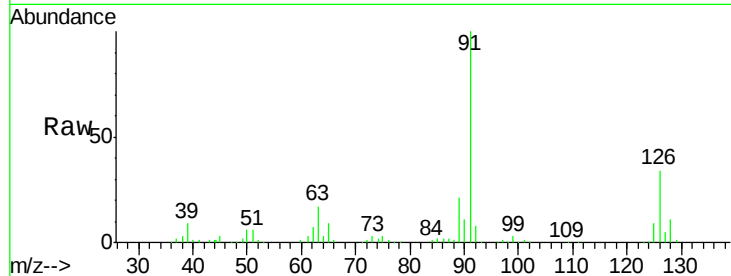
Ion Ratio Lower Upper

91 100

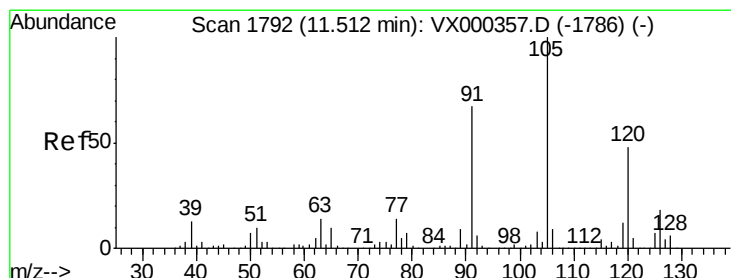
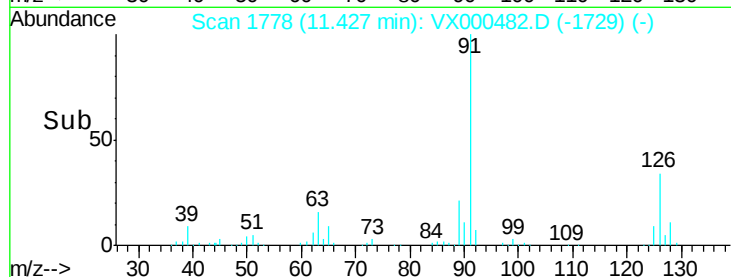
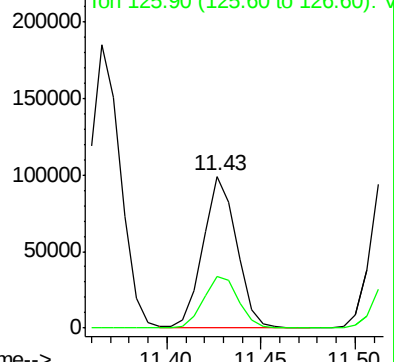
126 35.7 17.7 53.1

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX000357.D (-1774) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.29 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000482.D

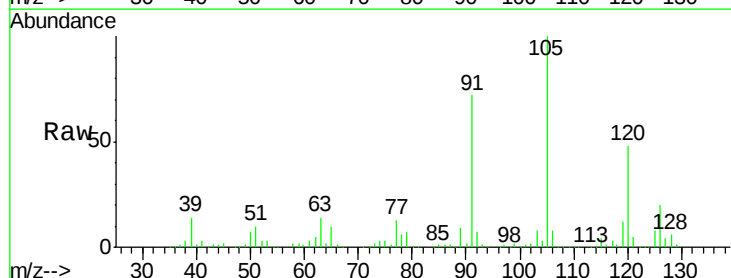
Acq: 28 Mar 2018 12:13

Tgt Ion: 105 Resp: 154724

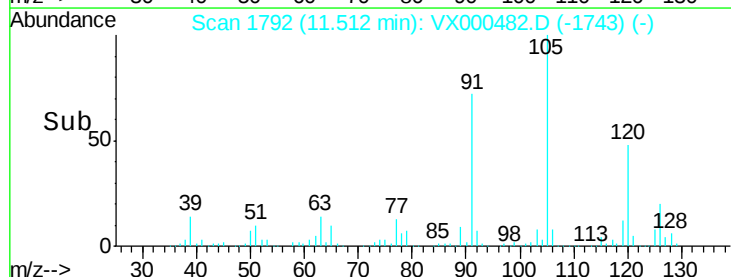
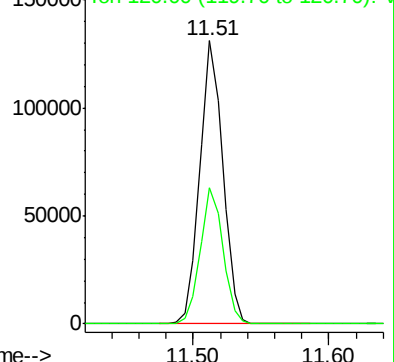
Ion Ratio Lower Upper

105 100

120 47.5 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX000357.D (-1786) (-)





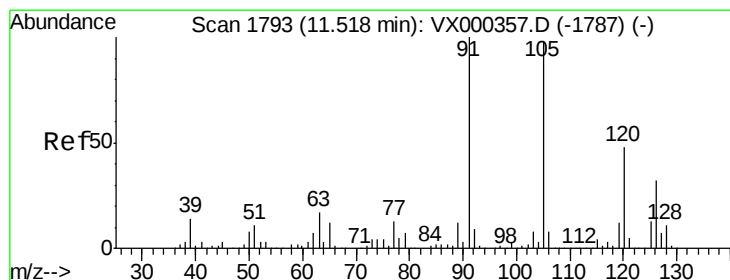
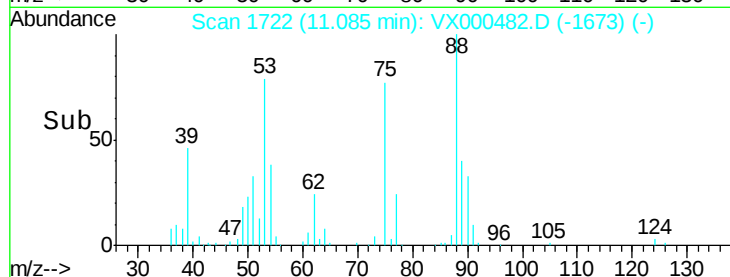
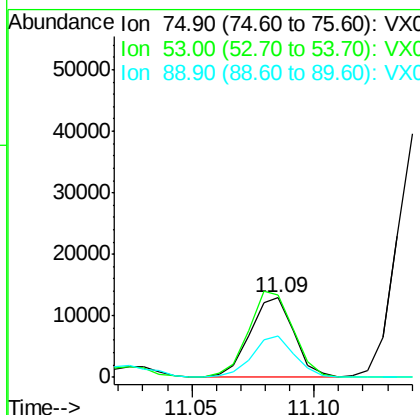
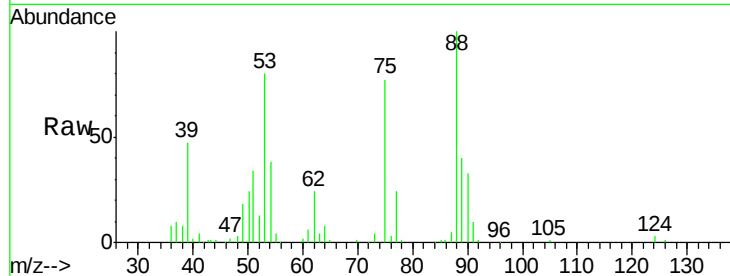
#81
trans-1,4-Dichloro-2-butene
Concen: 19.59 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	110.1	80.7	121.1
89	50.4	39.4	59.0

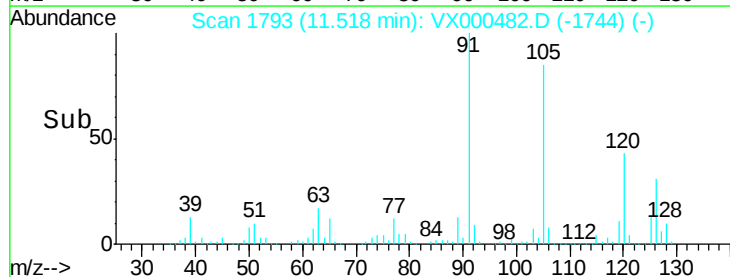
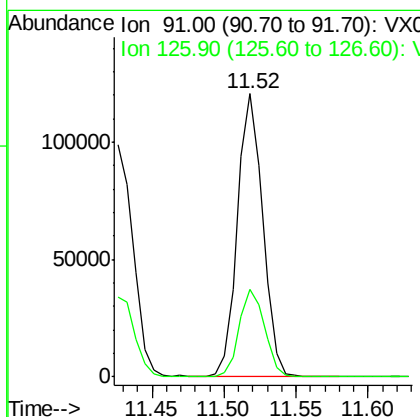
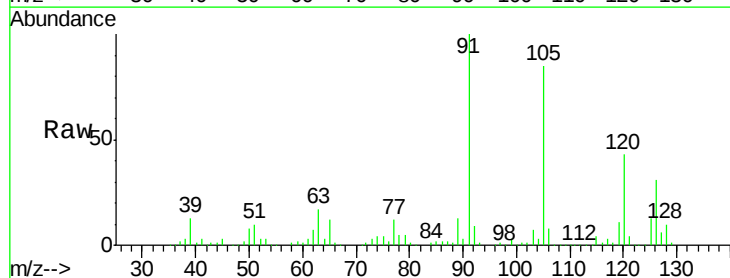
Manual Integrations
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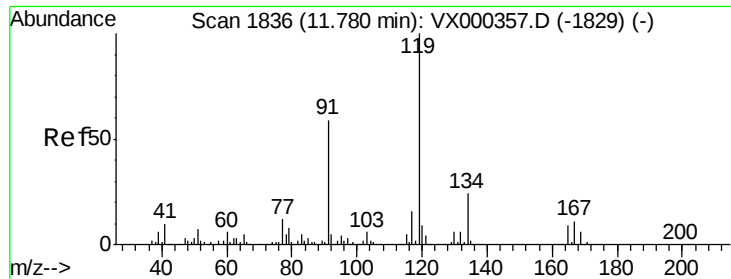
MMDadoda
3/29/2018 11:19:40 AM



#82
4-Chlorotoluene
Concen: 21.83 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.4	46.1





#83

tert-Butylbenzene

Concen: 21.54 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

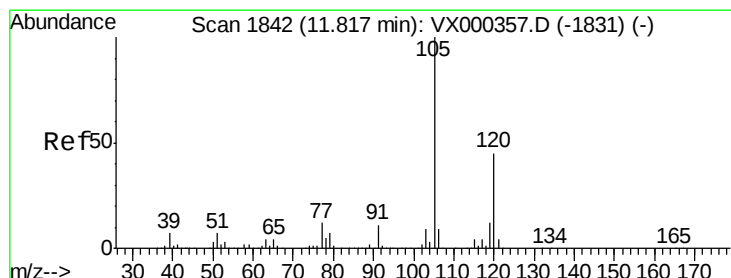
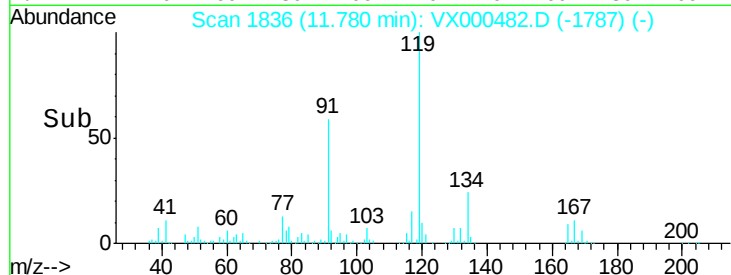
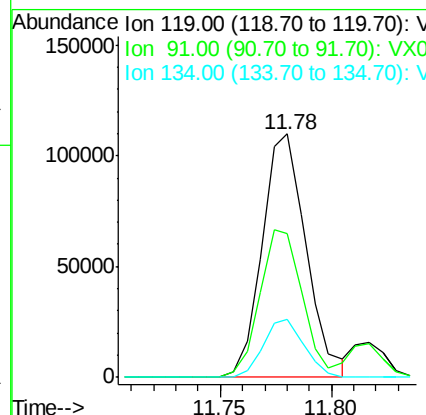
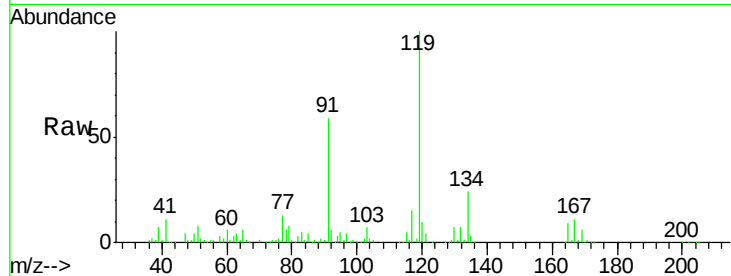
ClientSampled :

VX0328WBS01

Tot Ion:	119	Resp:	150815
Ion Ratio		Lower	Upper
119	100		
91	58.5	28.8	86.4
134	22.2	11.4	34.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 21.73 ug/l

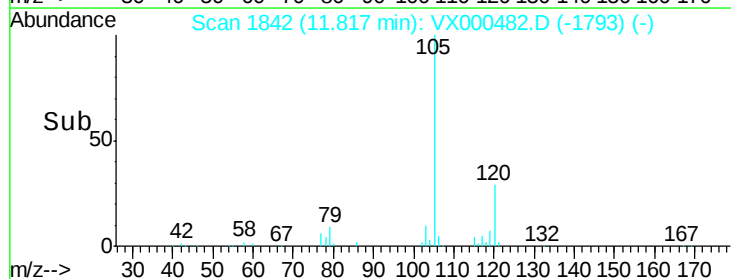
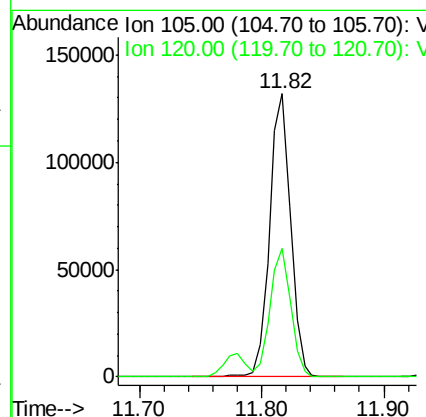
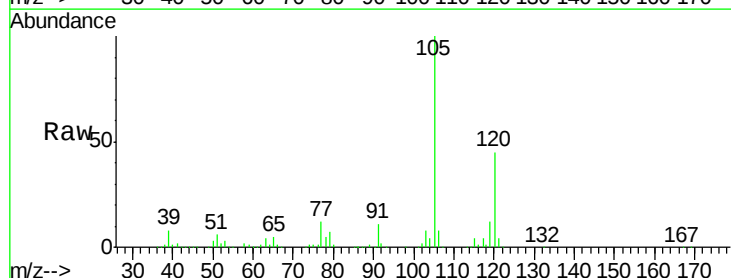
RT: 11.82 min Scan# 1842

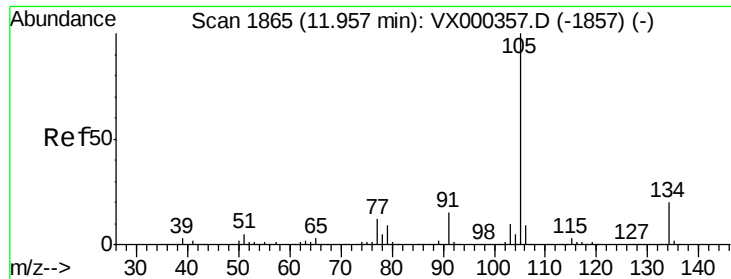
Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Tgt Ion:	105	Resp:	158191
Ion Ratio		Lower	Upper
105	100		
120	44.7	22.4	67.3





#85

sec-Butylbenzene

Concen: 22.28 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBS01

Tot Ion:105 Resp: 193078

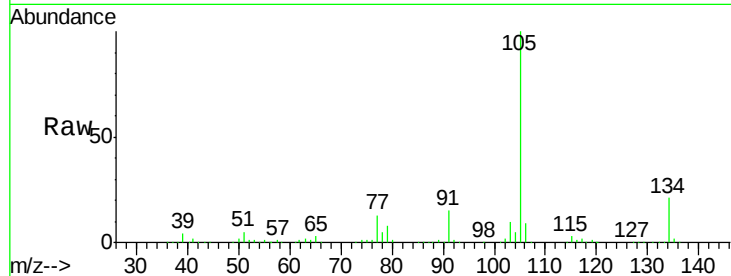
Ion Ratio Lower Upper

105 100

134 20.1 10.3 30.8

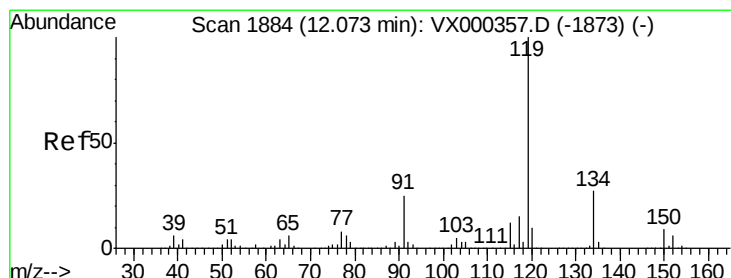
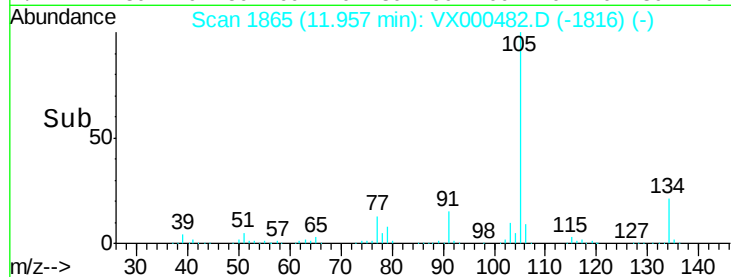
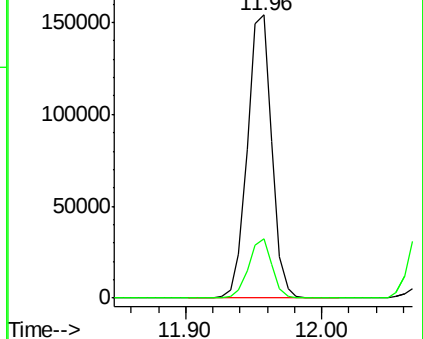
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.86 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

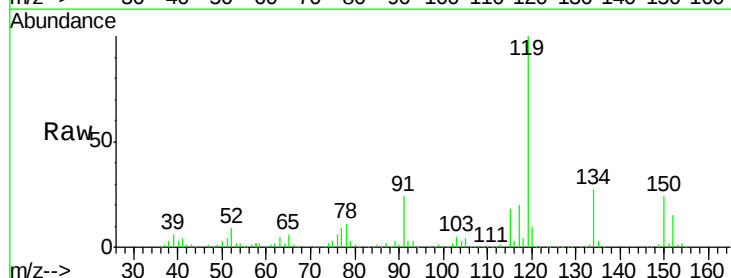
Tgt Ion:119 Resp: 168201

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.9

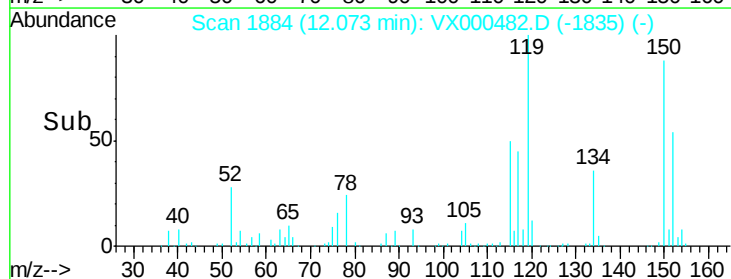
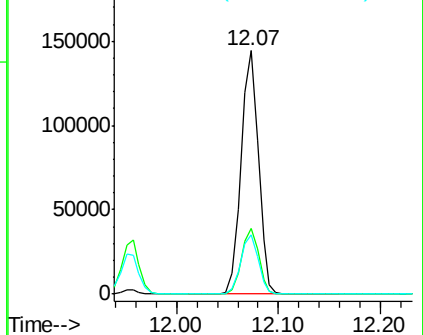
91 24.8 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





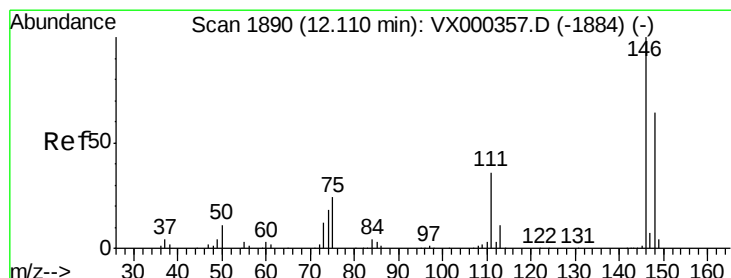
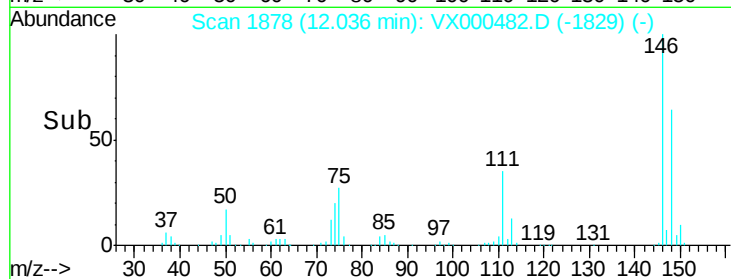
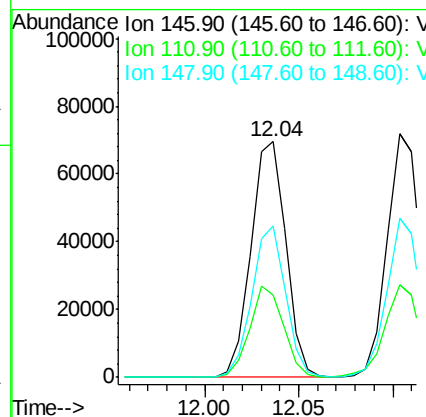
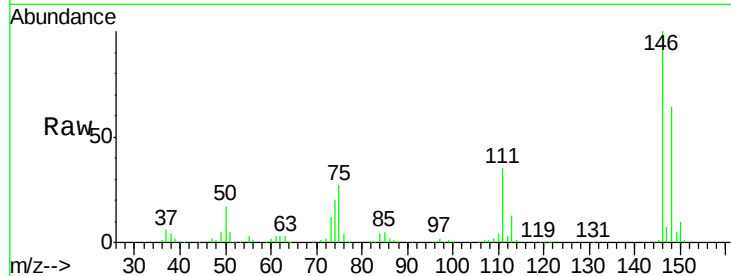
#87
 1,3-Dichlorobenzene
 Concen: 21.50 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.5	58.5
148	62.0	32.4	97.0

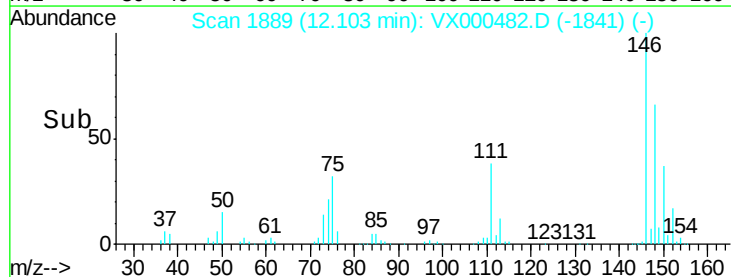
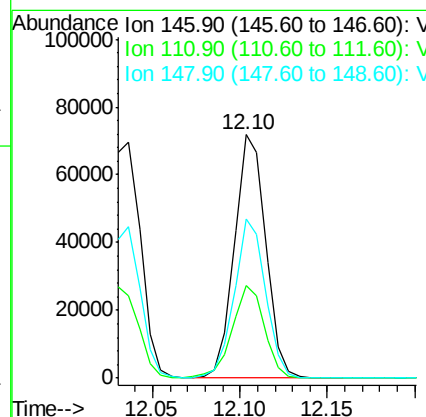
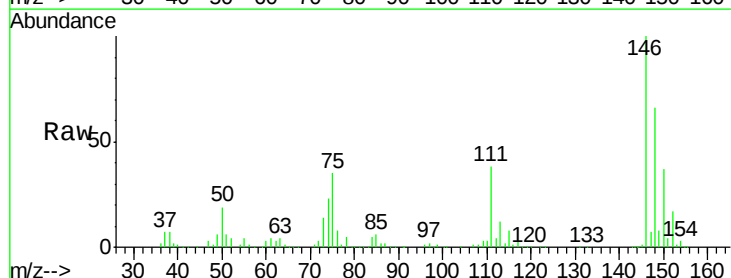
Manual Integrations
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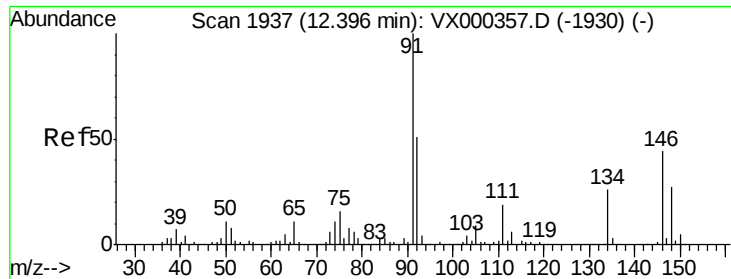
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#88
 1,4-Dichlorobenzene
 Concen: 20.48 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.9	56.9
148	65.4	31.0	93.0





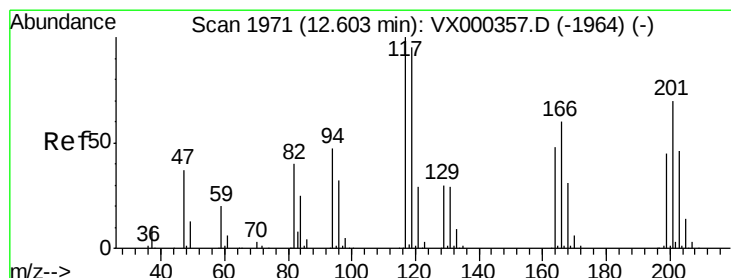
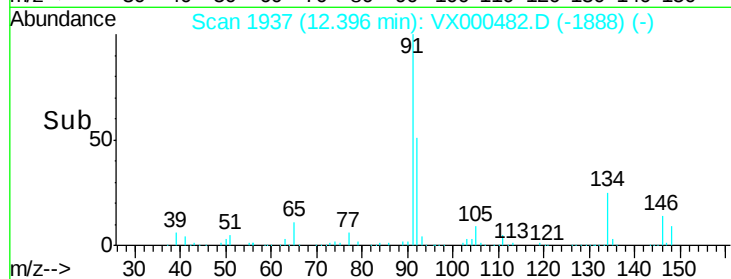
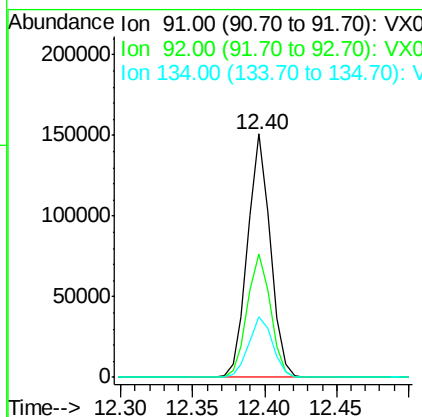
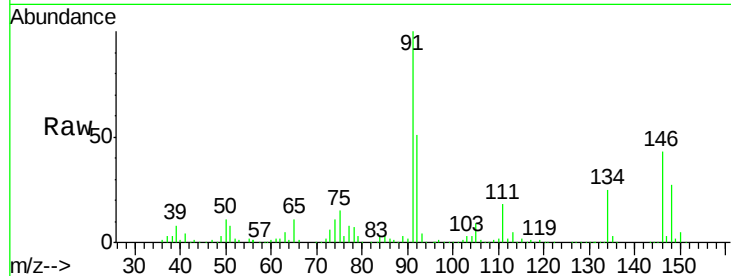
#89
n-Butylbenzene
Concen: 22.84 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	25.9	77.8
134	26.2	13.1	39.3

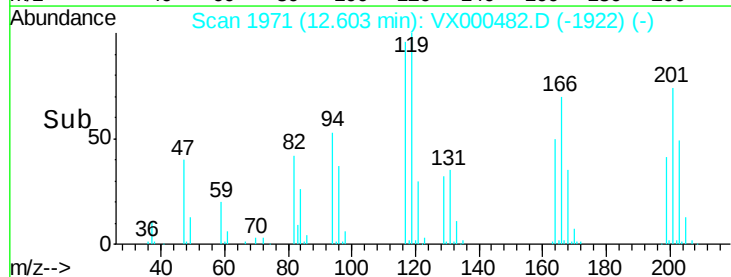
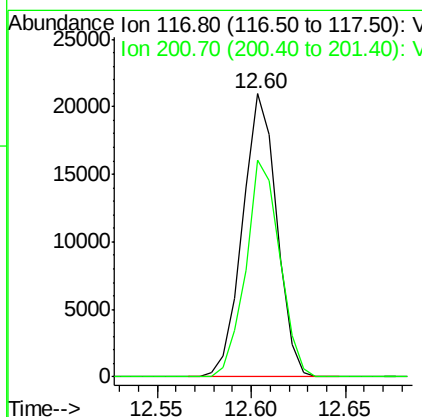
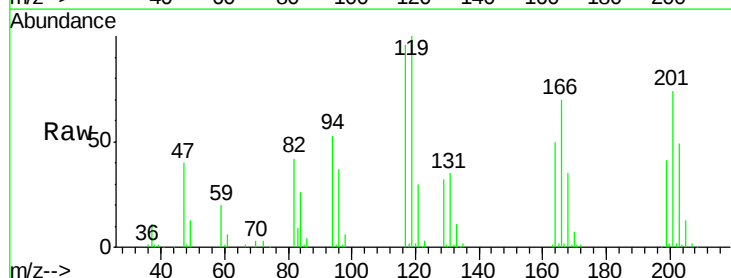
Manual Integrations
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#90
Hexachloroethane
Concen: 21.78 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.2	37.9	113.6





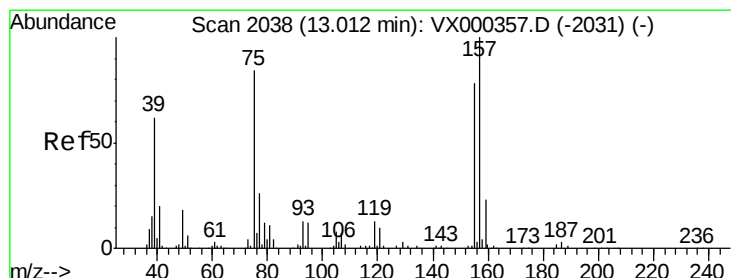
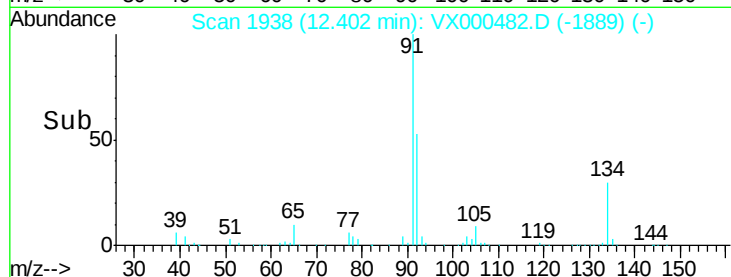
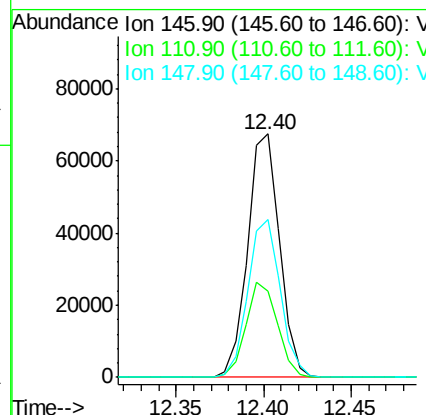
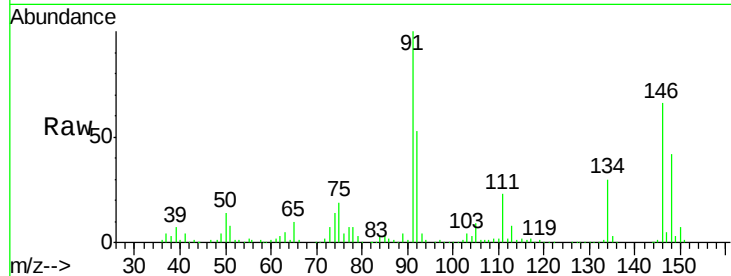
#91
 1,2-Dichlorobenzene
 Concen: 20.96 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.1	60.2
148	66.1	31.2	93.6

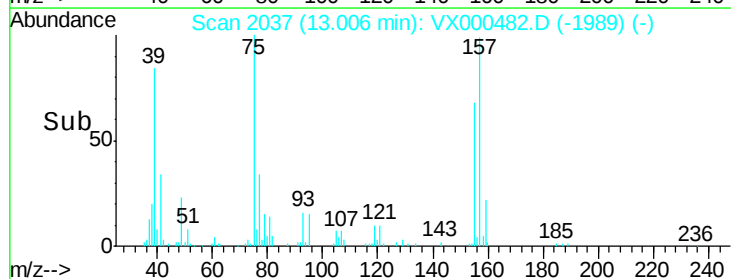
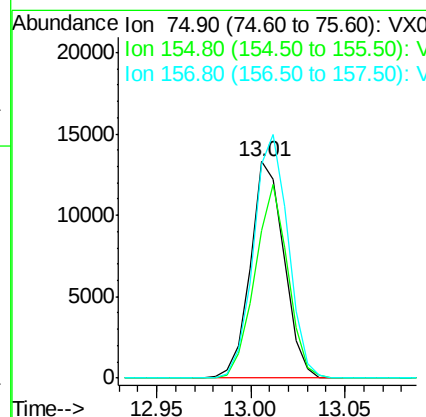
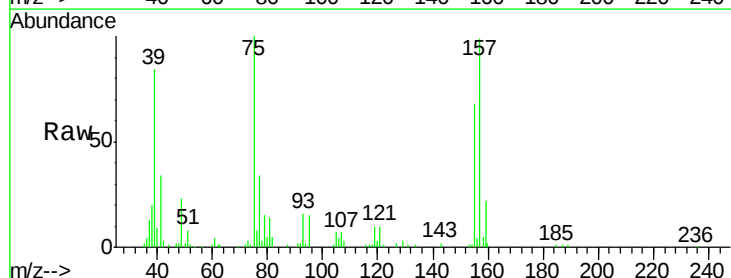
Manual Integrations
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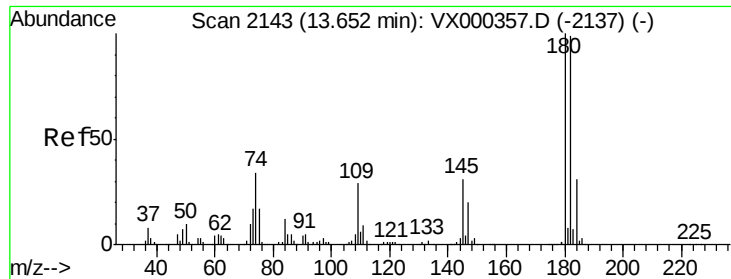
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.17 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.2	45.0	134.8
157	115.0	58.1	174.2





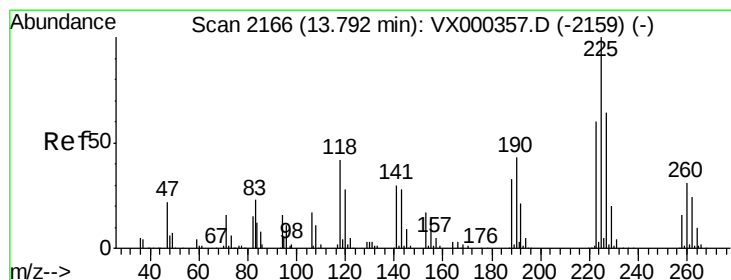
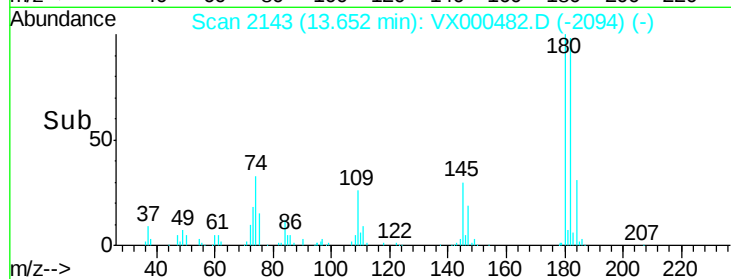
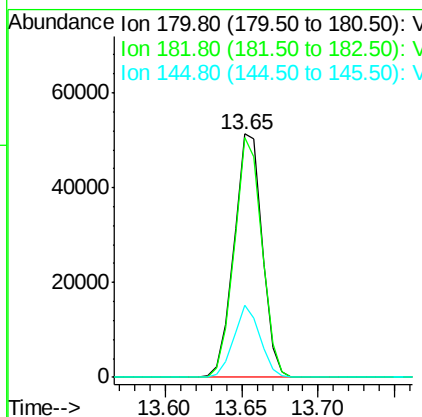
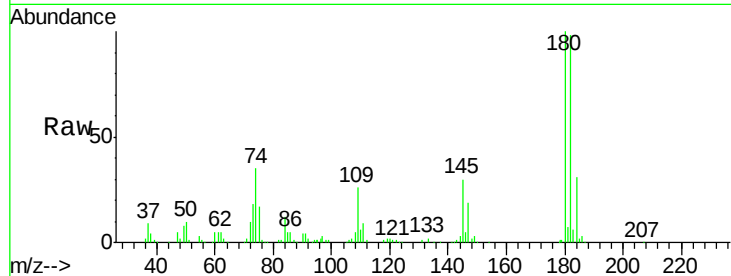
#93
 1,2,4-Trichlorobenzene
 Concen: 22.36 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.6	142.9
145	27.8	15.1	45.3

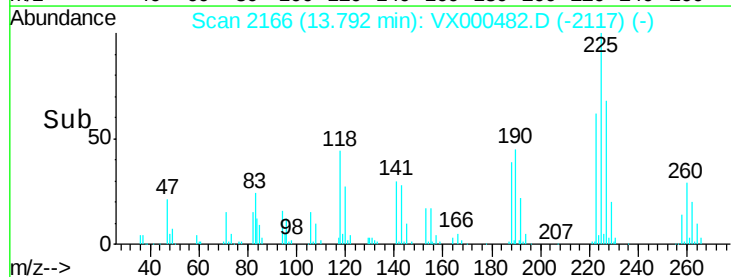
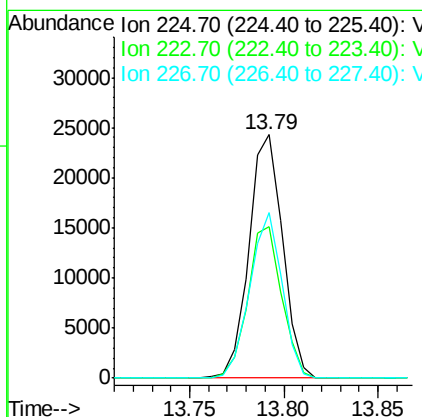
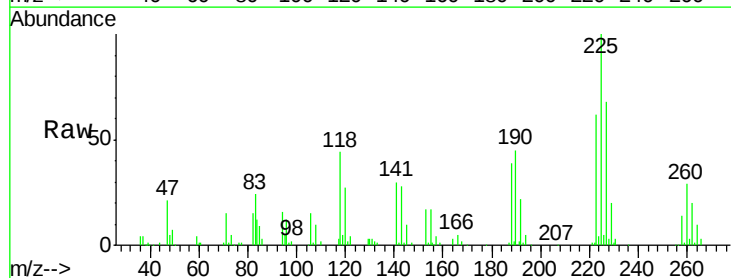
Manual Integrations
 APPROVED

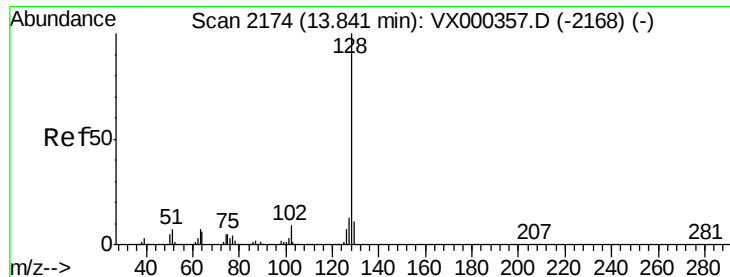
MMDadoda
 3/29/2018 11:19:40 AM



#94
 Hexachlorobutadiene
 Concen: 24.83 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	32.0	96.0
227	65.1	32.6	98.0





#95

Naphthalene

Concen: 21.90 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

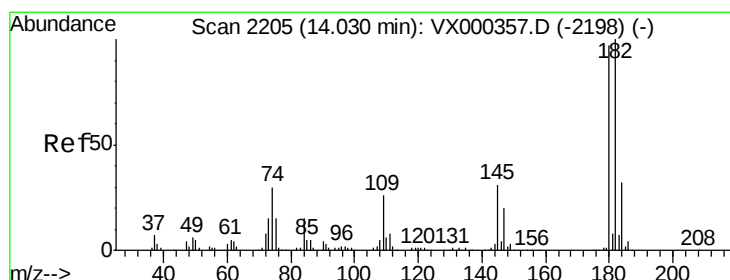
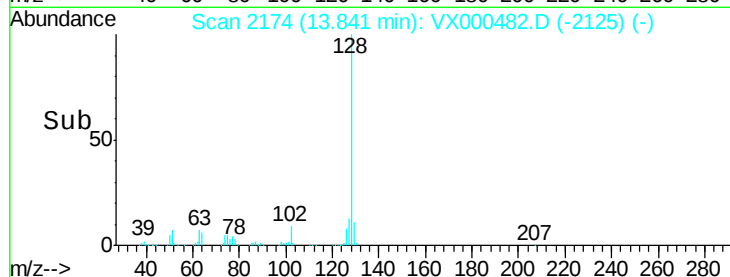
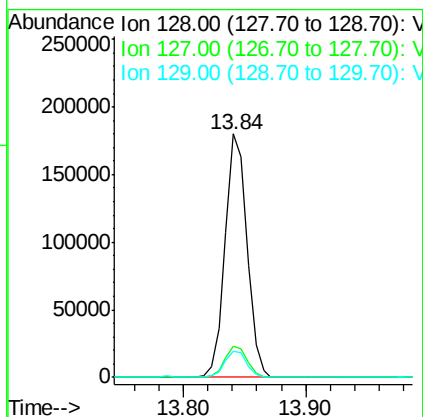
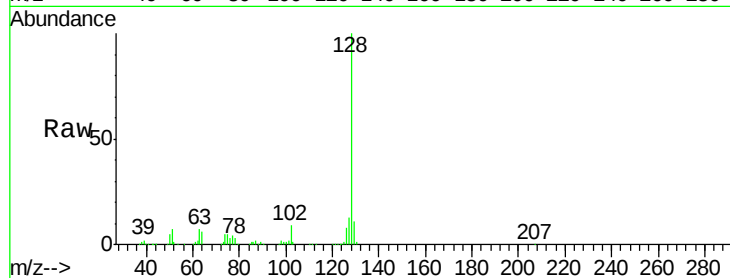
ClientSampleId :

VX0328WBS01

Tot Ion:	128	Resp:	222966
Ion Ratio		Lower	Upper
128	100		
127	13.2	10.6	15.8
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
3/29/2018 11:19:40 AM



#96

1,2,3-Trichlorobenzene

Concen: 22.56 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Tgt Ion:	180	Resp:	65154
Ion Ratio		Lower	Upper
180	100		
182	95.9	47.4	142.3
145	31.1	15.8	47.3

