

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120718\
 Data File : VX006344.D
 Acq On : 07 Dec 2018 13:51
 Operator : JC/MD
 Sample : VX1207WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/10/2018 9:57:36 AM

Quant Time: Dec 08 01:01:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	680857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1028614	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	923389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	471305	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	355919	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
35) Dibromofluoromethane	5.51	113	336095	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	8.71	98	1201642	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
62) 4-Bromofluorobenzene	11.13	95	447728	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	132993	19.949	ug/l	99
3) Chloromethane	1.33	50	125709	18.350	ug/l	97
4) Vinyl Chloride	1.41	62	138847	18.831	ug/l	99
5) Bromomethane	1.64	94	107950	21.126	ug/l	99
6) Chloroethane	1.72	64	88460	19.567	ug/l	98
7) Trichlorofluoromethane	1.93	101	218116	19.272	ug/l	99
8) Diethyl Ether	2.19	74	83023	19.382	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	126641	19.678	ug/l	99
10) Methyl Iodide	2.51	142	163825	16.891	ug/l	99
11) Tert butyl alcohol	3.07	59	176550	92.882	ug/l	100
12) 1,1-Dichloroethene	2.38	96	114541	18.592	ug/l	94
13) Acrolein	2.29	56	101660	97.853	ug/l	93
14) Allyl chloride	2.73	41	211723	17.397	ug/l	97
15) Acrylonitrile	3.15	53	371487	93.656	ug/l	100
16) Acetone	2.45	43	325542	99.804	ug/l	99
17) Carbon Disulfide	2.57	76	308171	16.233	ug/l	99
18) Methyl Acetate	2.78	43	211465	19.386	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	420442	19.130	ug/l	98
20) Methylene Chloride	2.86	84	132098	19.029	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	121098	18.445	ug/l	96
22) Diisopropyl ether	3.87	45	377092	19.837	ug/l	98
23) Vinyl Acetate	3.82	43	1542886	95.162	ug/l	99
24) 1,1-Dichloroethane	3.70	63	209080	19.243	ug/l	99
25) 2-Butanone	4.70	43	461821	99.228	ug/l	99
26) 2,2-Dichloropropane	4.58	77	189305	18.879	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	146378	19.988	ug/l	99
28) Bromochloromethane	5.02	49	89599	18.880	ug/l	97
29) Tetrahydrofuran	5.15	42	300890	93.022	ug/l	97
30) Chloroform	5.21	83	229920	20.137	ug/l	97
31) Cyclohexane	5.57	56	187340	18.657	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	212051	19.519	ug/l	99
36) 1,1-Dichloropropene	5.80	75	162112	18.715	ug/l	99
37) Ethyl Acetate	4.85	43	174032	17.941	ug/l	98
38) Carbon Tetrachloride	5.78	117	185507	18.205	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	206376	18.355	ug/l	97
40) Benzene	6.14	78	500991	19.311	ug/l	100
41) Methacrylonitrile	5.06	41	96326	18.047	ug/l	97
42) 1,2-Dichloroethane	6.20	62	168726	19.872	ug/l	100
43) Isopropyl Acetate	6.46	43	287396	17.770	ug/l	99
44) Trichloroethene	7.21	130	167647	21.331	ug/l	99
45) 1,2-Dichloropropane	7.52	63	125443	19.025	ug/l	98
46) Dibromomethane	7.66	93	89136	18.718	ug/l	98
47) Bromodichloromethane	7.90	83	168861	18.311	ug/l	98
48) Methyl methacrylate	7.77	41	144362	18.348	ug/l	97
49) 1,4-Dioxane	7.75	88	75126	387.407	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	879682	93.433	ug/l	98
52) Toluene	8.79	92	326242	19.114	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	183798	17.042	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	201952	18.033	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	136473	19.682	ug/l	98
56) Ethyl methacrylate	9.18	69	202919	18.719	ug/l	97
57) 1,3-Dichloropropane	9.37	76	216295	19.726	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	531223	96.572	ug/l	98
59) 2-Hexanone	9.49	43	669807	93.117	ug/l	100
60) Dibromochloromethane	9.59	129	149535	17.489	ug/l	100
61) 1,2-Dibromoethane	9.67	107	148664	19.174	ug/l	99
64) Tetrachloroethene	9.34	164	136097	19.571	ug/l	97
65) Chlorobenzene	10.14	112	379807	19.376	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	143137	18.795	ug/l	99
67) Ethyl Benzene	10.25	91	622709	19.101	ug/l	99
68) m/p-Xylenes	10.36	106	498816	38.197	ug/l	99
69) o-Xylene	10.70	106	247654	19.199	ug/l	100
70) Styrene	10.71	104	399605	19.154	ug/l	100
71) Bromoform	10.86	173	116498	16.204	ug/l #	99
73) Isopropylbenzene	11.02	105	652517	20.048	ug/l	99
74) N-amyl acetate	10.90	43	253413	18.081	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	206831	19.863	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	193729m	21.296	ug/l	
77) Bromobenzene	11.26	156	177889	19.694	ug/l	98
78) n-propylbenzene	11.36	91	706020	19.514	ug/l	100
79) 2-Chlorotoluene	11.42	91	428576	19.930	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	536702	19.819	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	64334	16.596	ug/l	91
82) 4-Chlorotoluene	11.51	91	481488	19.258	ug/l	100
83) tert-Butylbenzene	11.77	119	567910	19.655	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	554653	19.835	ug/l	99
85) sec-Butylbenzene	11.94	105	650619	19.793	ug/l	99
86) p-Isopropyltoluene	12.07	119	573919	19.390	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	311582	19.386	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	313040	19.190	ug/l	99
89) n-Butylbenzene	12.39	91	475281	18.819	ug/l	100
90) Hexachloroethane	12.60	117	106726	17.691	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	312958	19.620	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46778	17.525	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	217260	18.669	ug/l	100
94) Hexachlorobutadiene	13.78	225	100072	19.445	ug/l	98
95) Naphthalene	13.83	128	697164	19.259	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	222793	19.329	ug/l	97

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

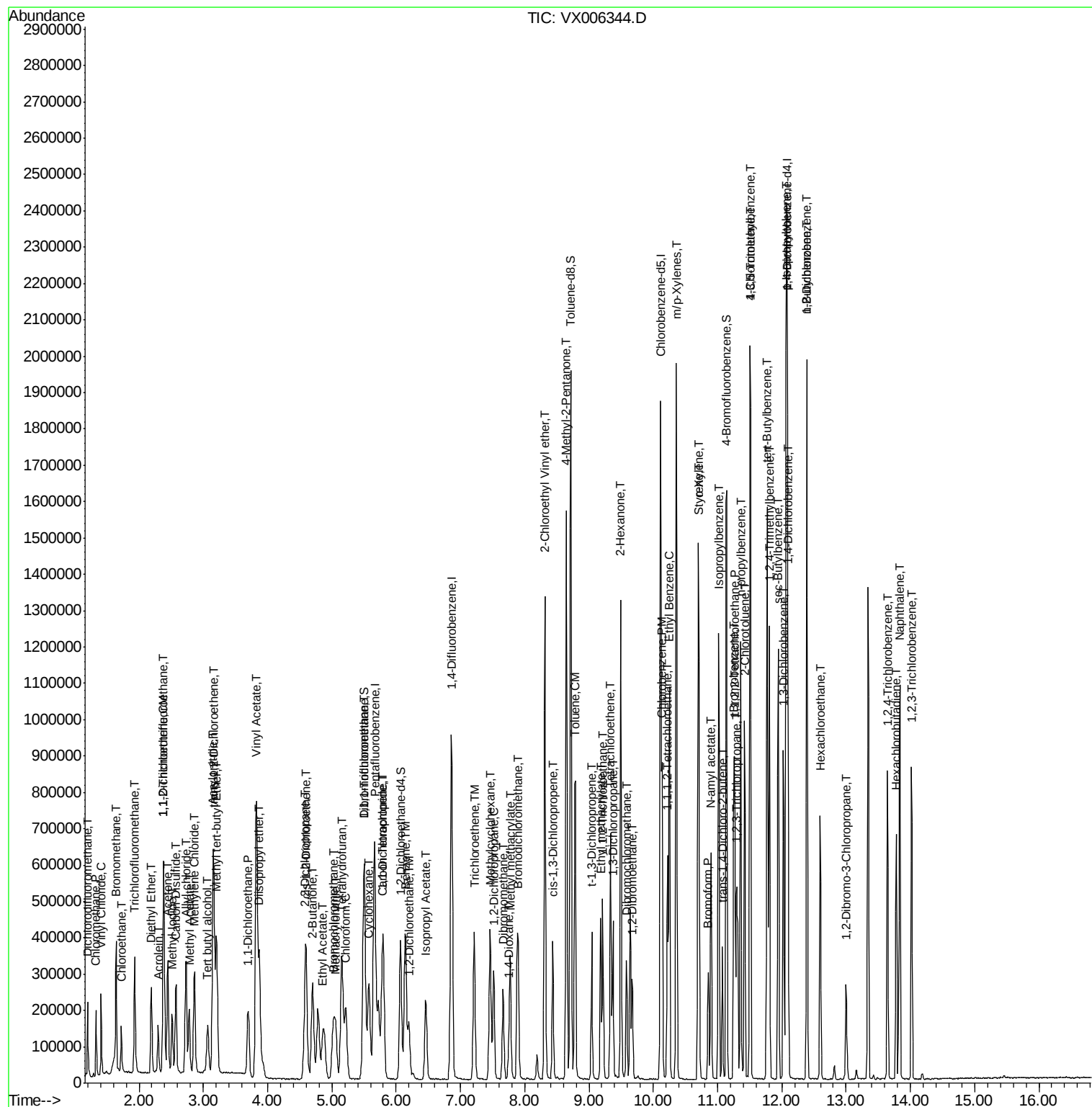
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Data File : VX006344.D
Acq On : 07 Dec 2018 13:51
Operator : JC/MD
Sample : VX1207WBSD01
Misc : 5.0mL/MSVOA X/WATER
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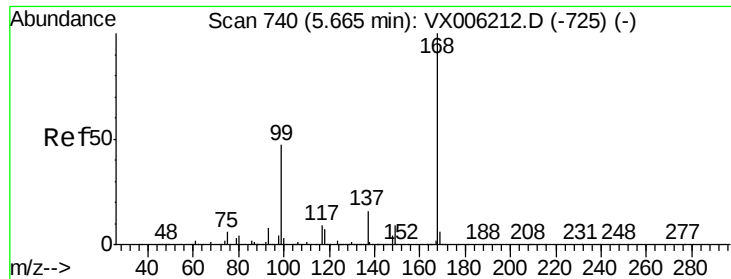
Instrument :
MSVOA_X
Client Sample ID :
VX1207WBSD01

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#1

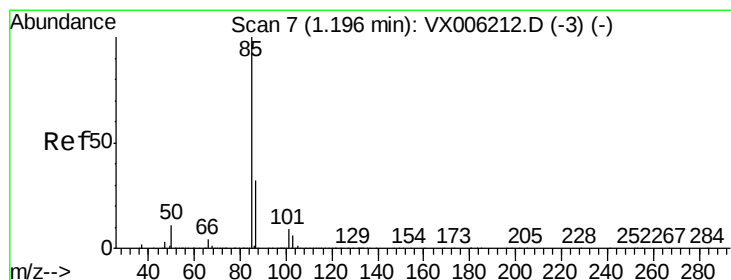
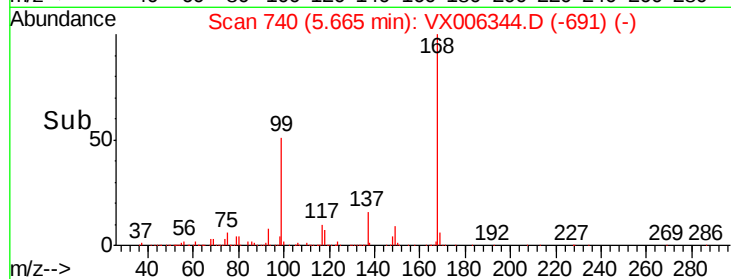
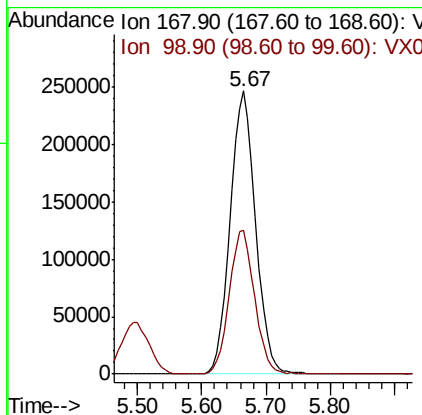
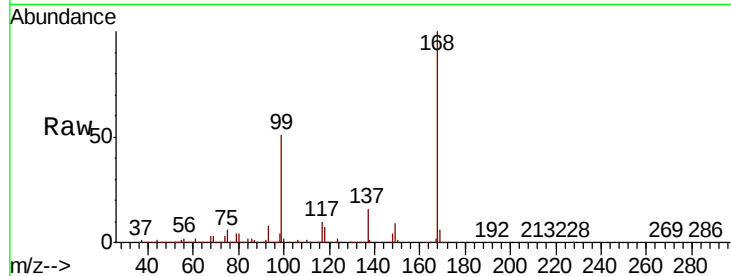
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.6	37.8	56.8

Manual Integrations
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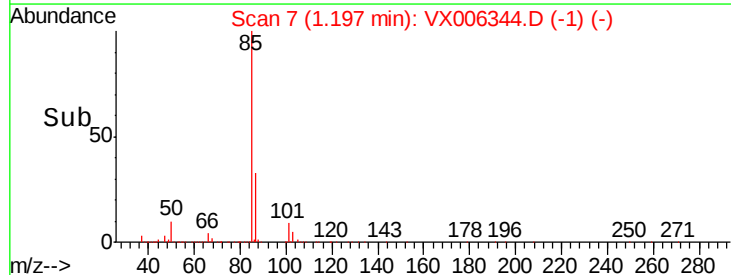
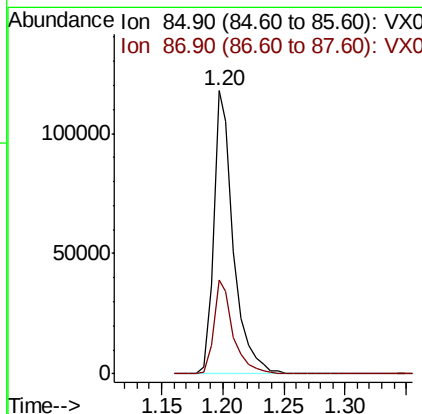
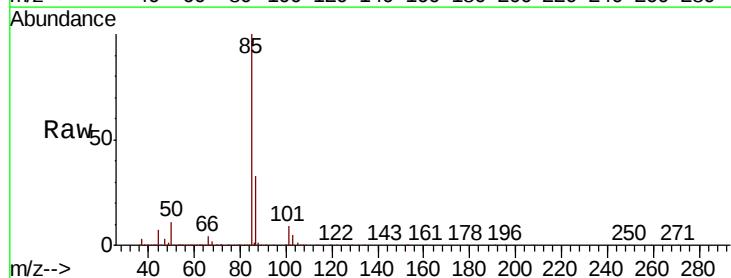
MMDadoda
 12/10/2018 9:57:36 AM

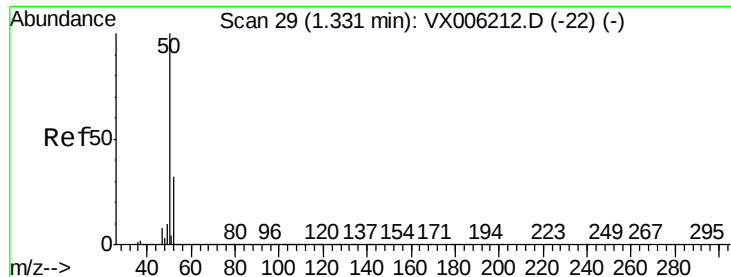


#2

Dichlorodifluoromethane
 Concen: 19.949 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.1	48.2





#3

Chloromethane

Concen: 18.350 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBSD01

Tot Ion: 50 Resp: 125709

Ion Ratio Lower Upper

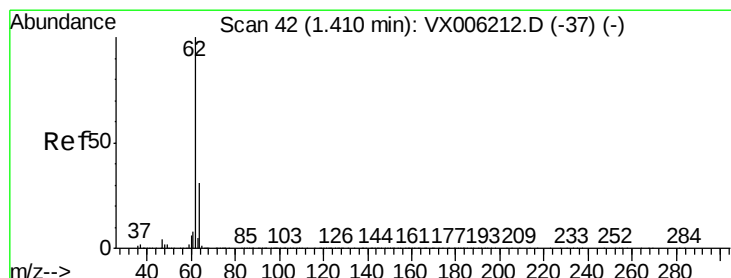
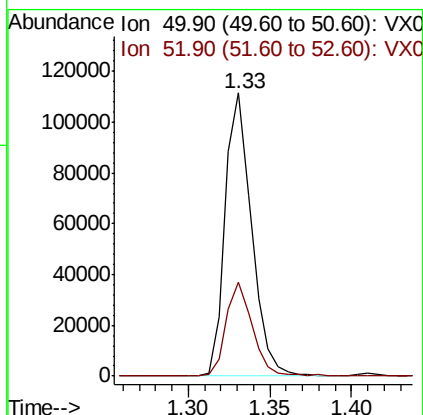
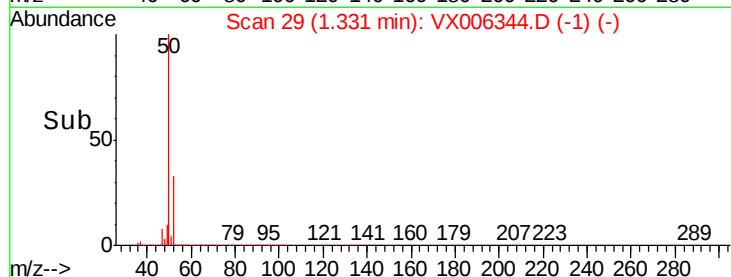
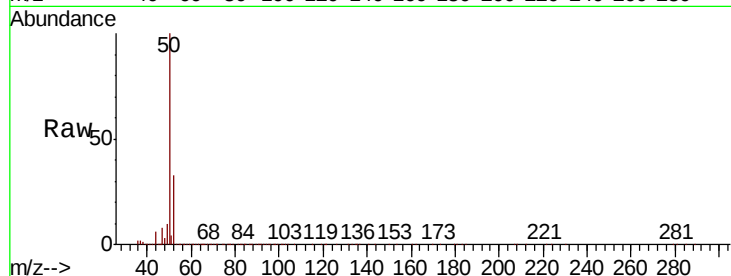
50 100

52 33.0 25.2 37.8

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.831 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006344.D

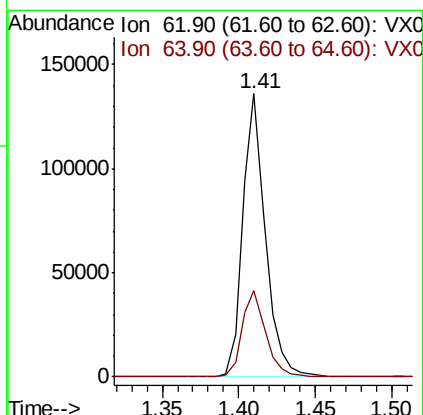
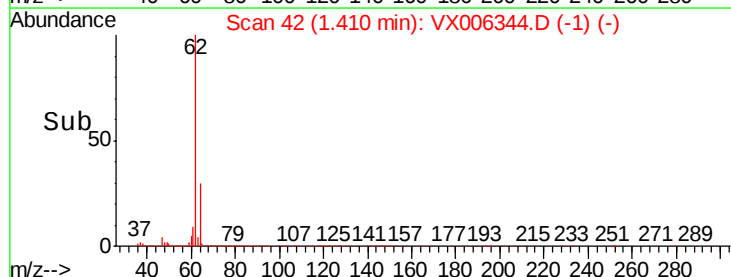
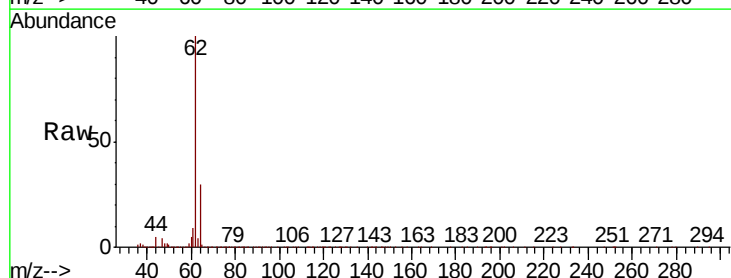
Acq: 07 Dec 2018 13:51

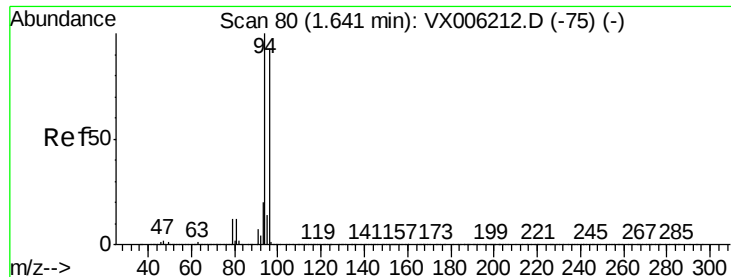
Tgt Ion: 62 Resp: 138847

Ion Ratio Lower Upper

62 100

64 30.4 24.9 37.3





#5

Bromomethane

Concen: 21.126 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBSD01

Tot Ion: 94 Resp: 107950

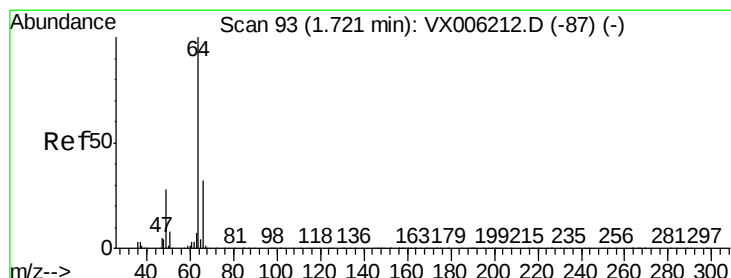
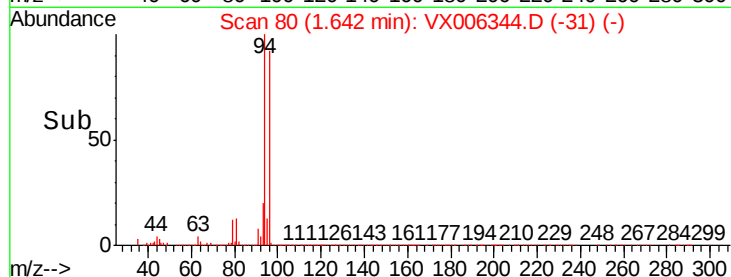
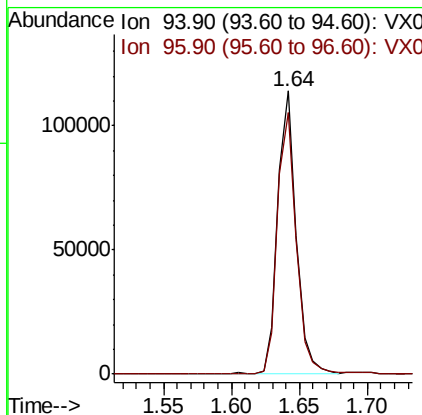
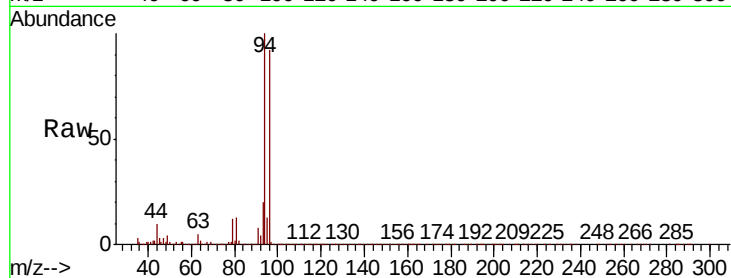
Ion Ratio Lower Upper

94 100

96 92.3 74.5 111.7

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#6

Chloroethane

Concen: 19.567 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX006344.D

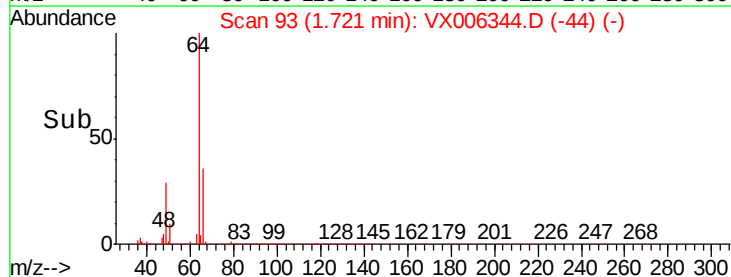
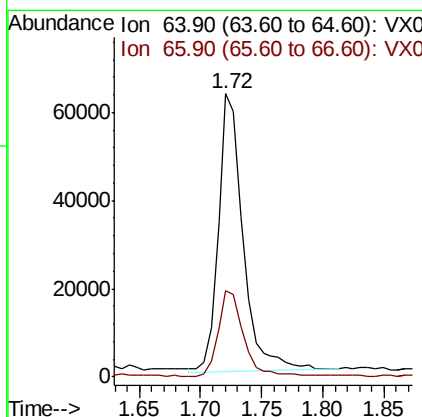
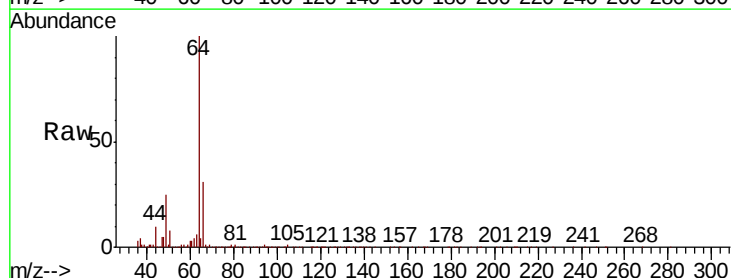
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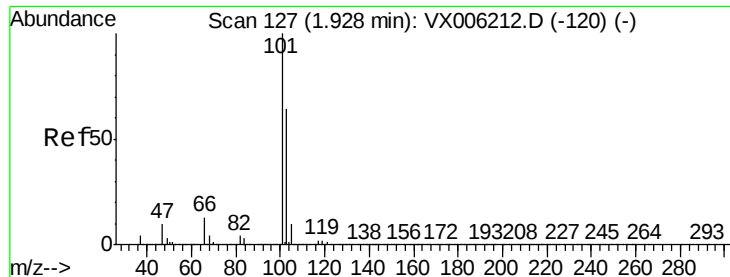
Tgt Ion: 64 Resp: 88460

Ion Ratio Lower Upper

64 100

66 31.1 25.9 38.9





#7

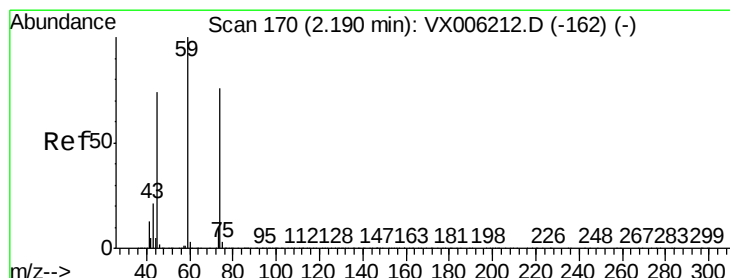
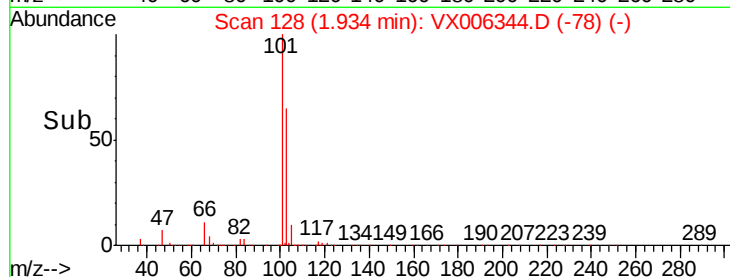
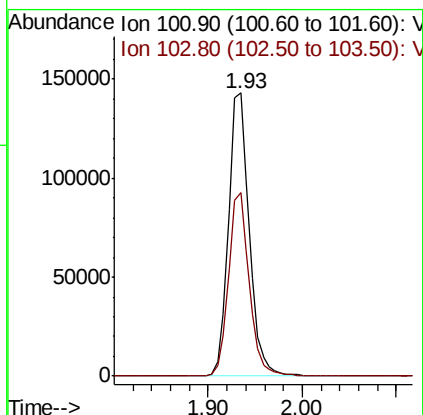
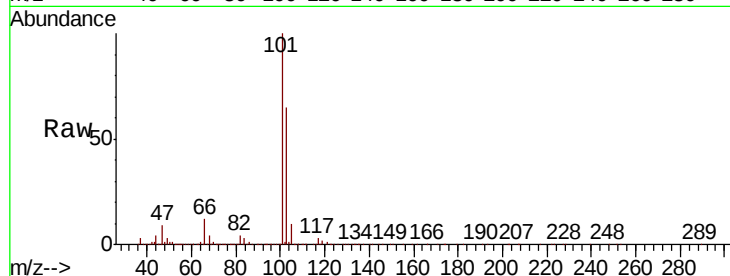
Trichlorofluoromethane
Concen: 19.272 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.0	76.4

Manual Integrations
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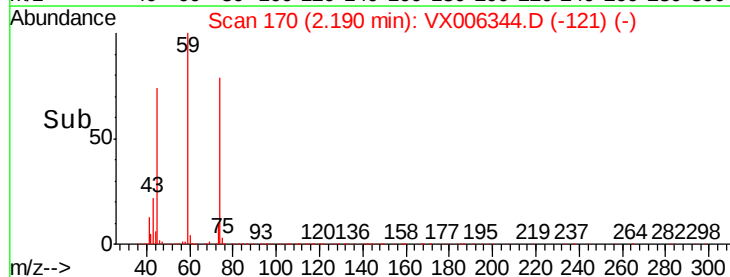
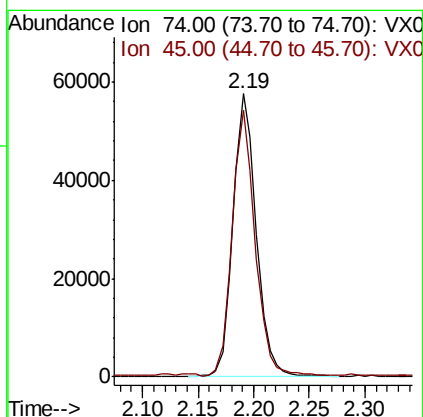
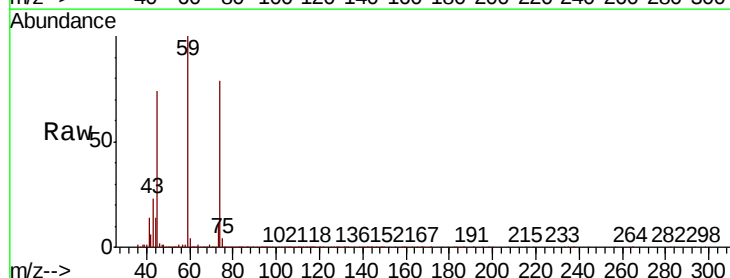
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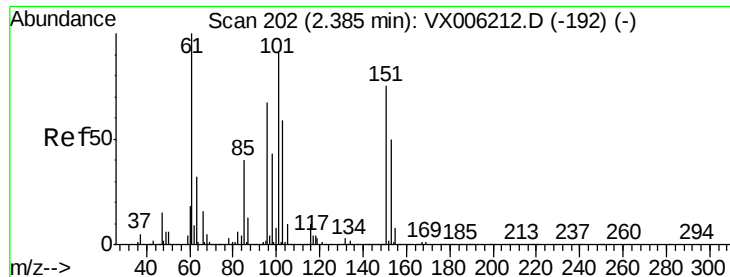


#8

Diethyl Ether
Concen: 19.382 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.8	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.678 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

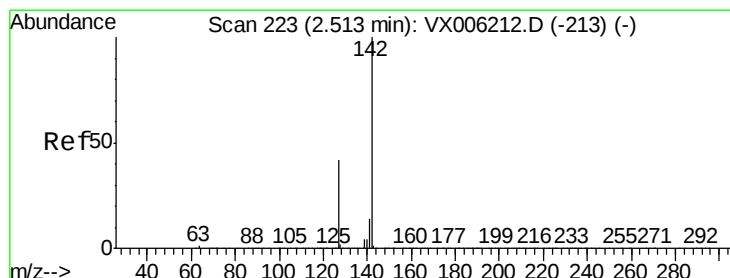
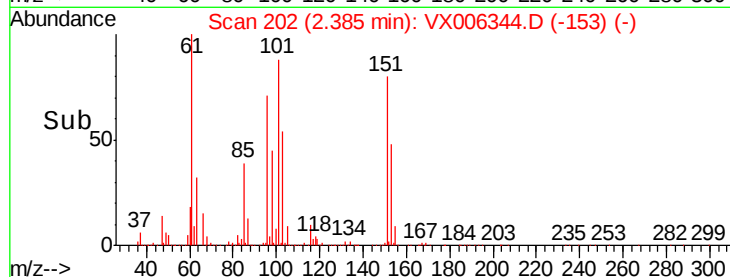
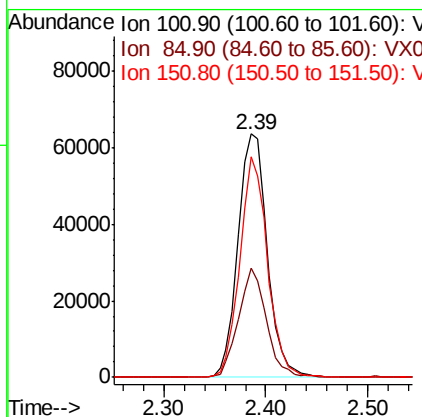
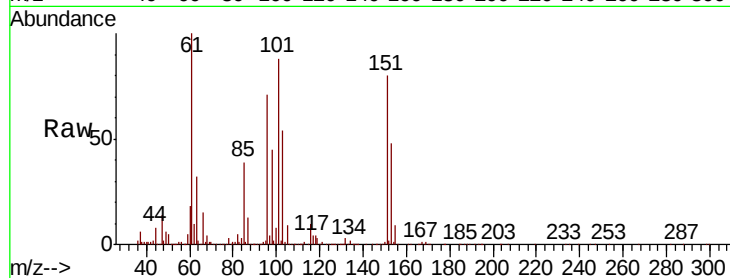
ClientSampleId :

VX1207WBSD01

Tot Ion:	101	Resp:	126641
Ion Ratio	Lower	Upper	
101	100		
85	43.1	35.5	53.3
151	85.2	68.6	103.0

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#10

Methyl Iodide

Concen: 16.891 ug/l

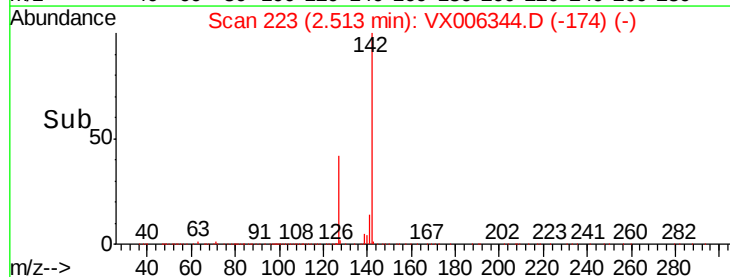
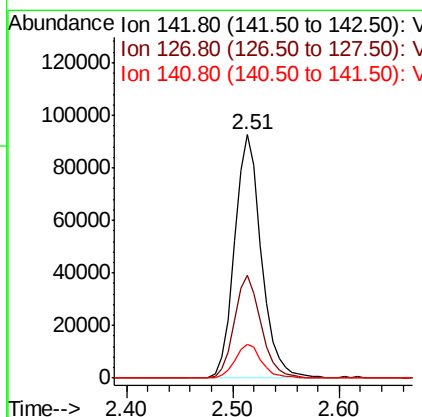
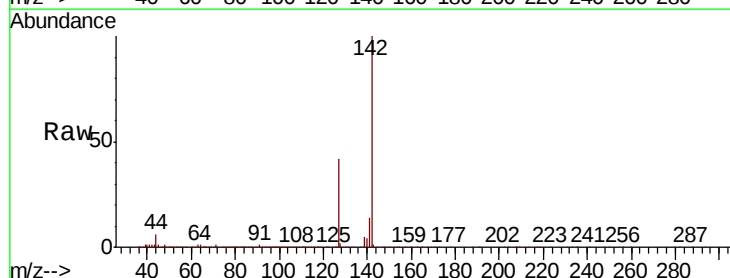
RT: 2.51 min Scan# 223

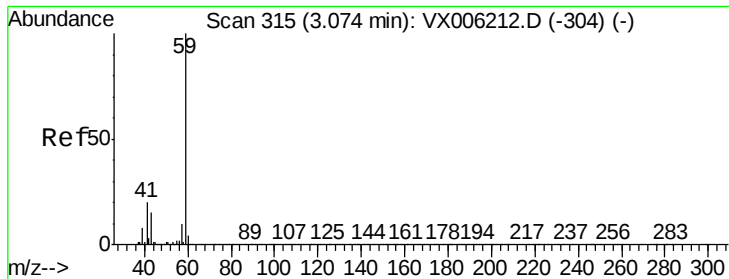
Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Tgt Ion:	142	Resp:	163825
Ion Ratio	Lower	Upper	
142	100		
127	42.4	34.8	52.2
141	14.1	11.4	17.2





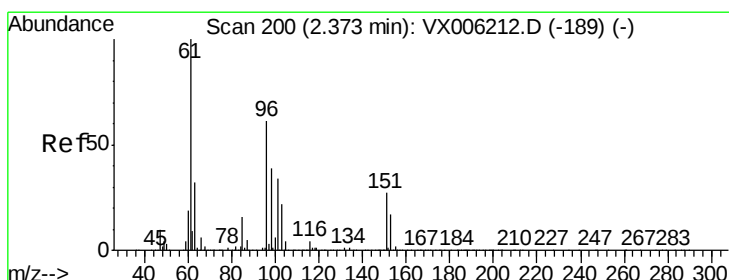
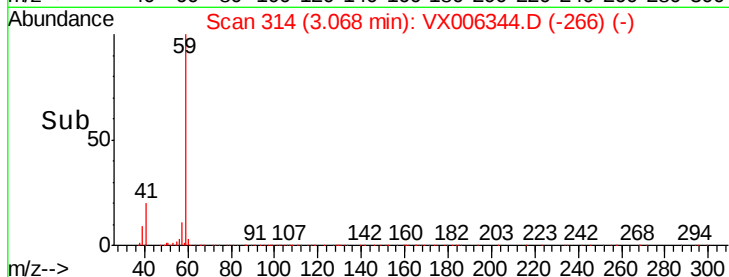
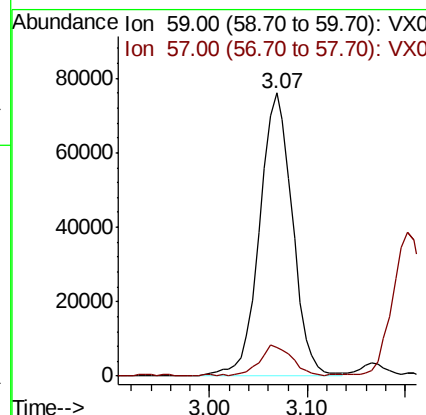
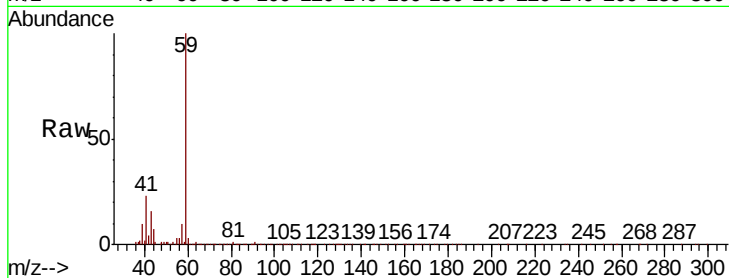
#11
Tert butyl alcohol
Concen: 92.882 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2

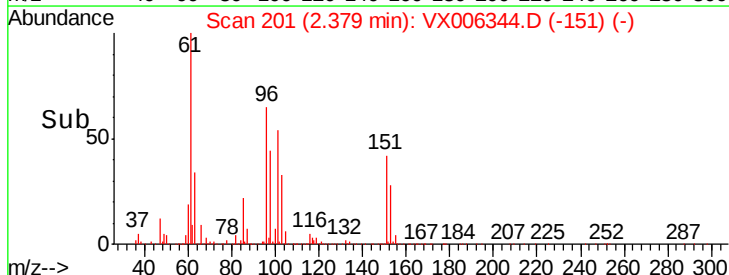
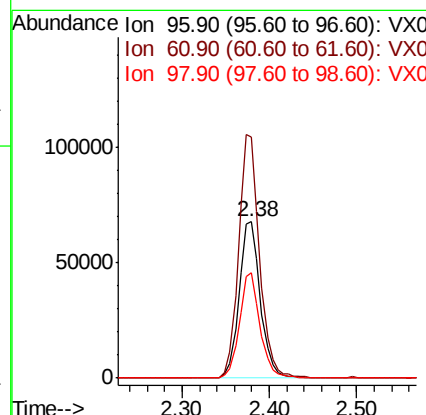
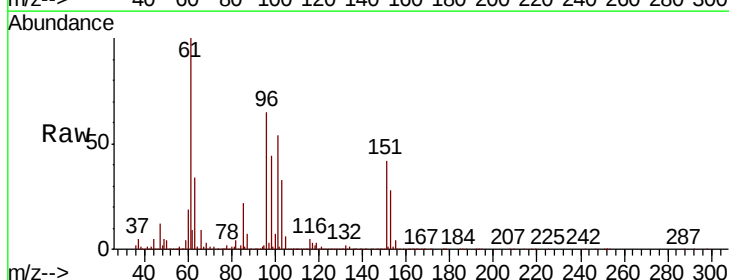
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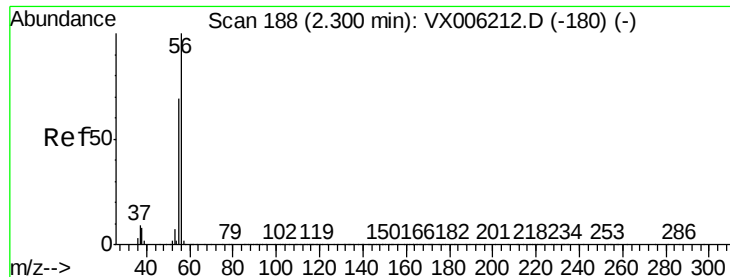
MMDadoda
12/10/2018 9:57:36 AM



#12
1,1-Dichloroethene
Concen: 18.592 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.7	131.7	197.5
98	67.7	51.8	77.6





#13

Acrolein

Concen: 97.853 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBSD01

Tot Ion: 56 Resp: 101660

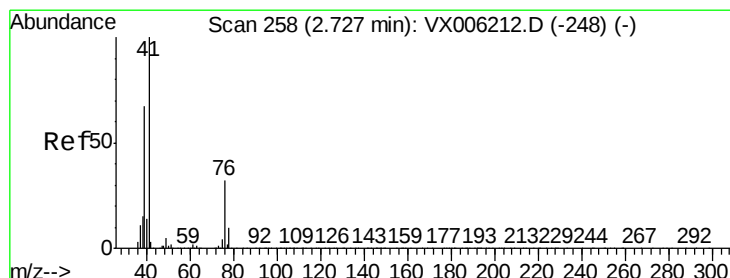
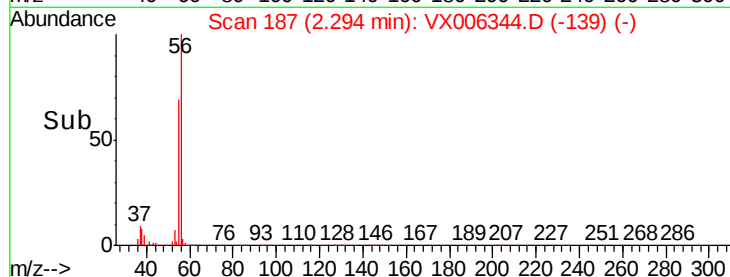
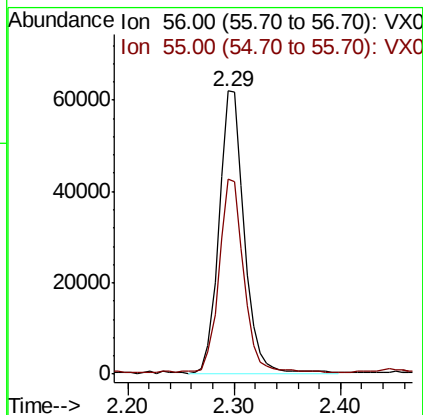
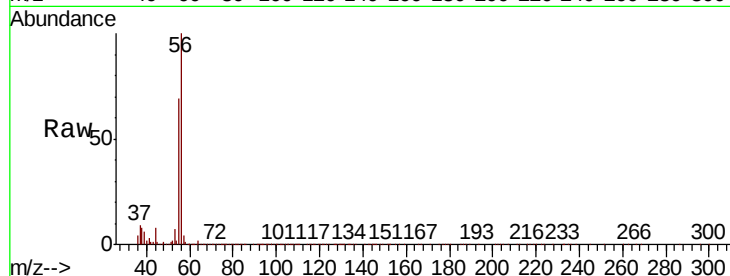
Ion Ratio Lower Upper

56 100

55 66.3 57.8 86.6

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#14

Allyl chloride

Concen: 17.397 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

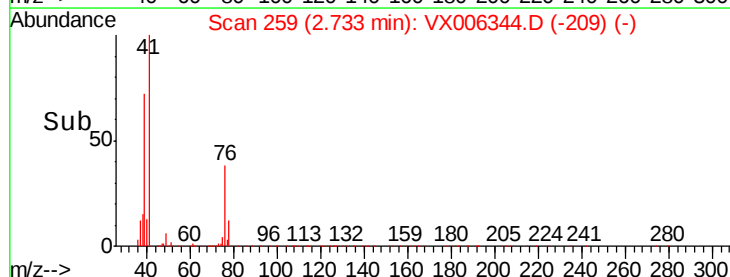
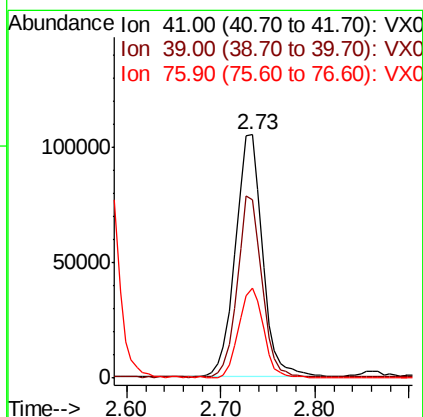
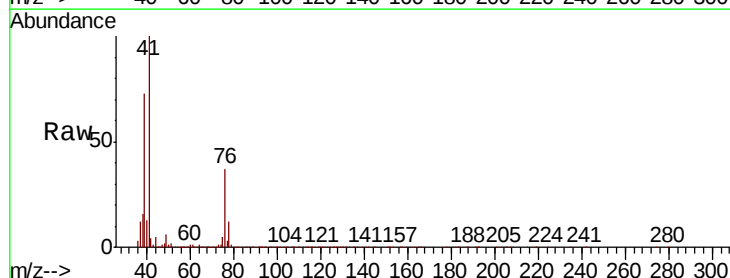
Tgt Ion: 41 Resp: 211723

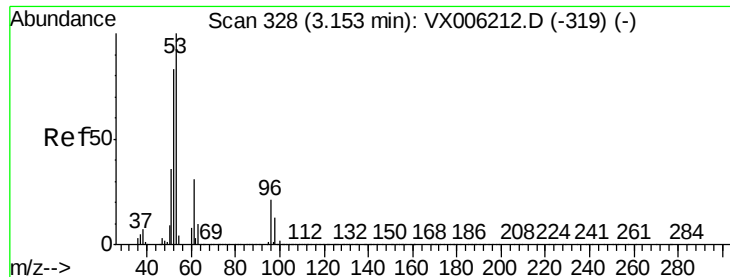
Ion Ratio Lower Upper

41 100

39 67.0 52.4 78.6

76 34.4 25.4 38.0





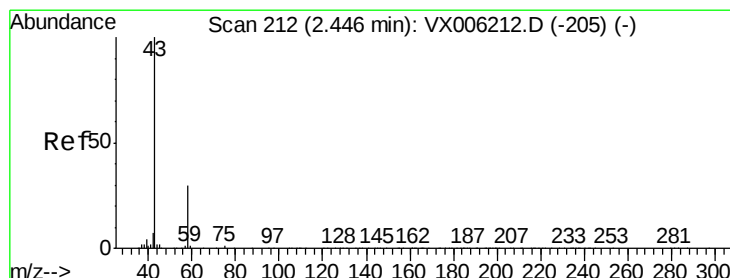
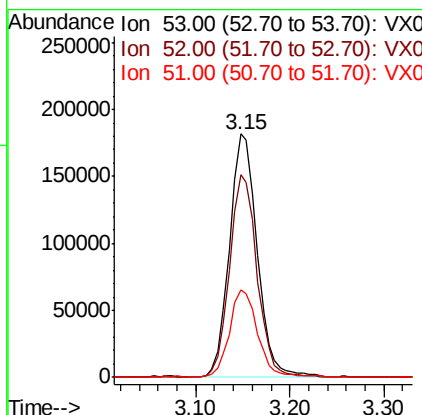
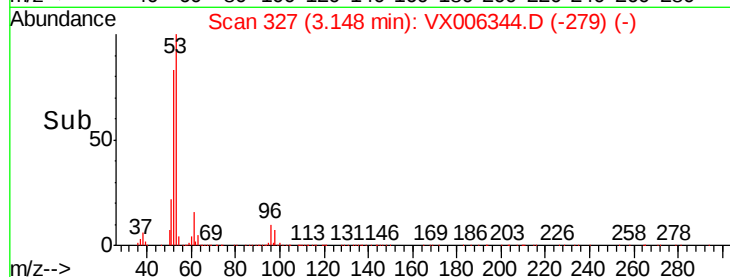
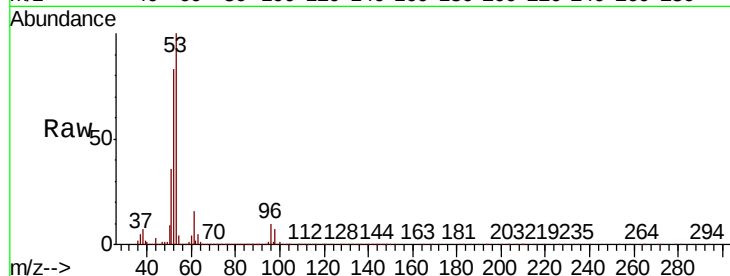
#15
 Acrylonitrile
 Concen: 93.656 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBSD01

Tot Ion:	53	Resp:	371487
Ion Ratio		Lower	Upper
53	100		
52	82.5	66.2	99.4
51	36.1	28.7	43.1

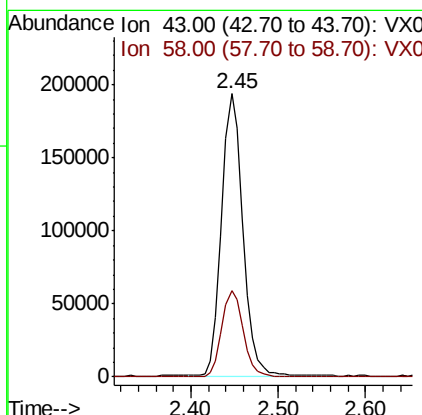
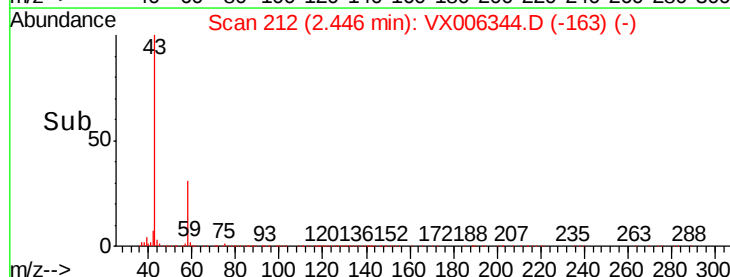
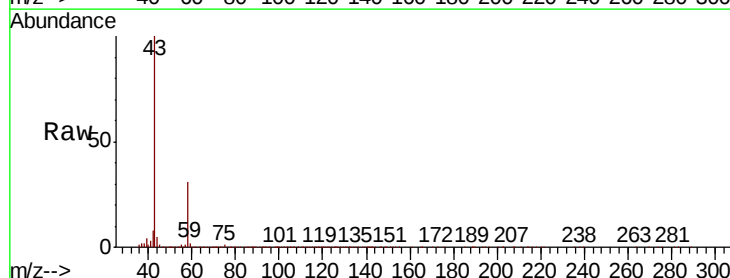
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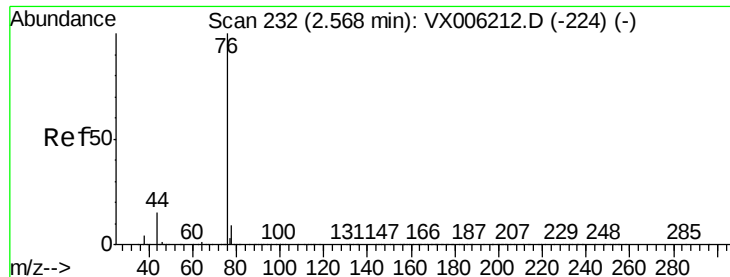
MMDadoda
 12/10/2018 9:57:36 AM



#16
 Acetone
 Concen: 99.804 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Tgt Ion:	43	Resp:	325542
Ion Ratio		Lower	Upper
43	100		
58	30.7	24.0	36.0





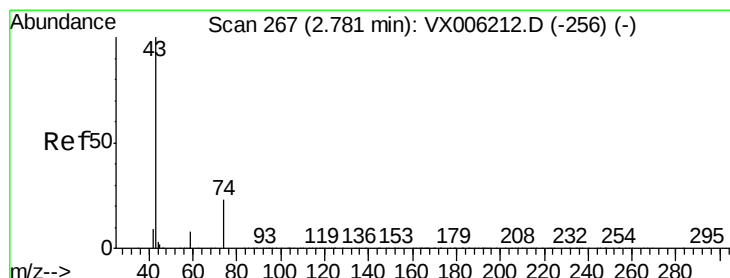
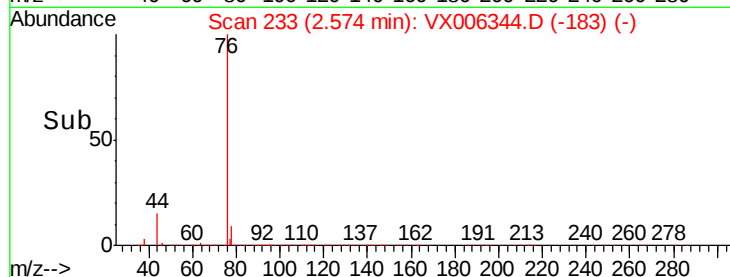
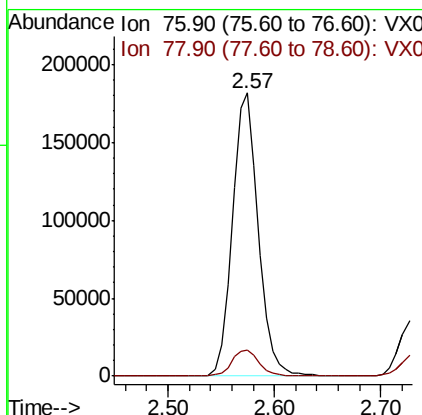
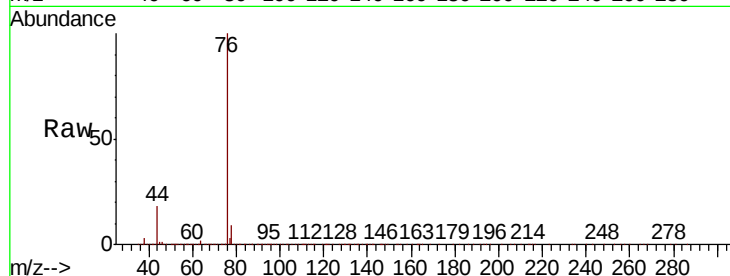
#17
Carbon Disulfide
Concen: 16.233 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

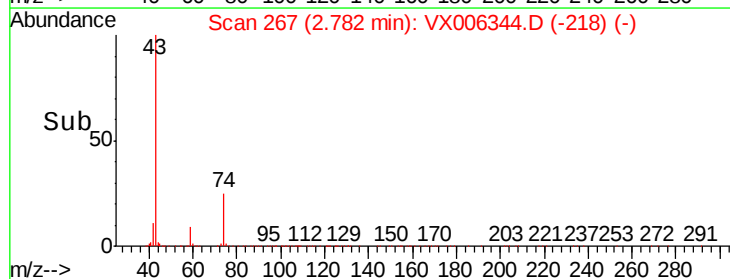
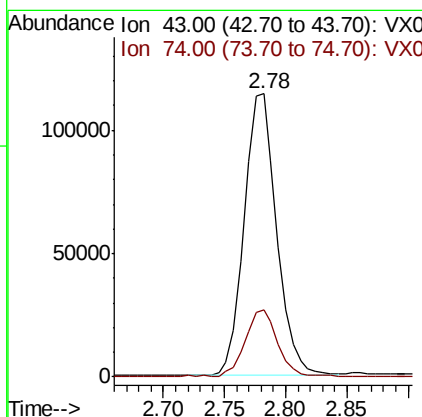
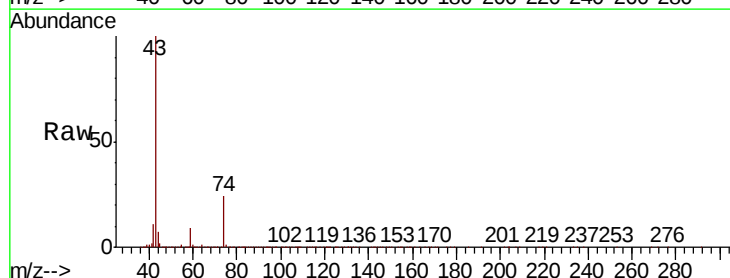
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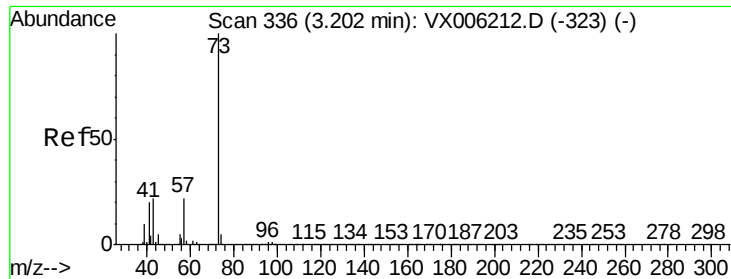
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#18
Methyl Acetate
Concen: 19.386 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	17.9	26.9





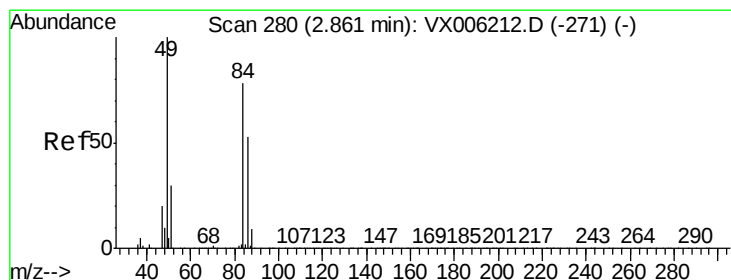
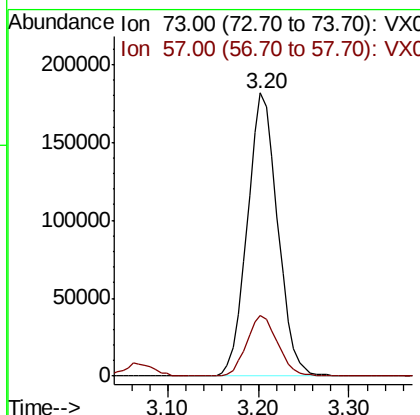
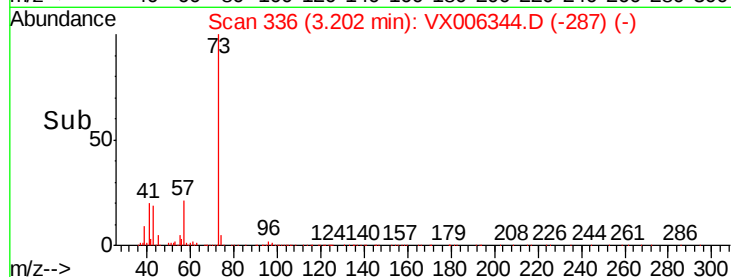
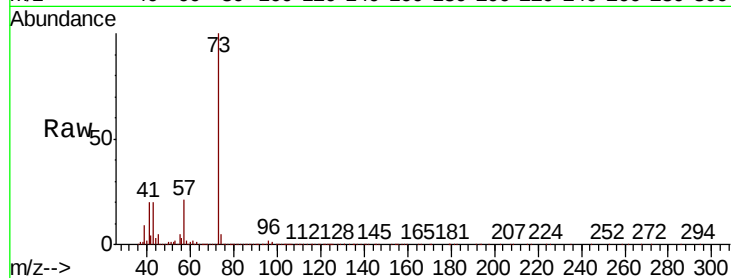
#19
Methvl tert-butvl Ether
Concen: 19.130 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBSD01

Tot Ion	73	Resp	420442
Ion Ratio	Lower	Upper	
73	100		
57	21.1	17.5	26.3

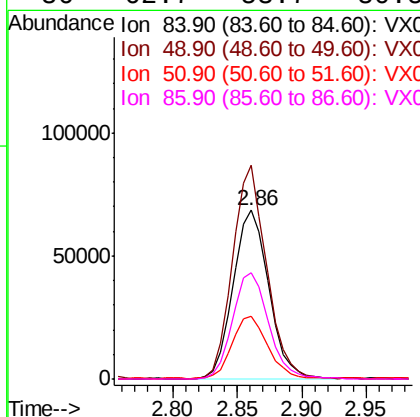
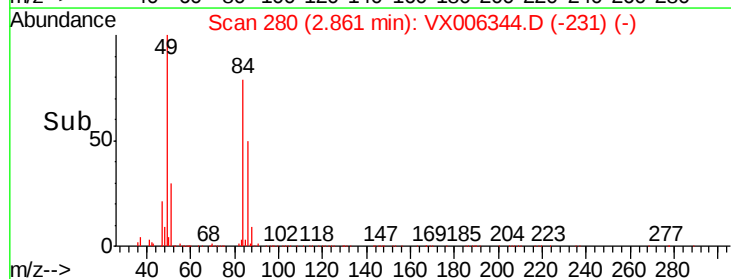
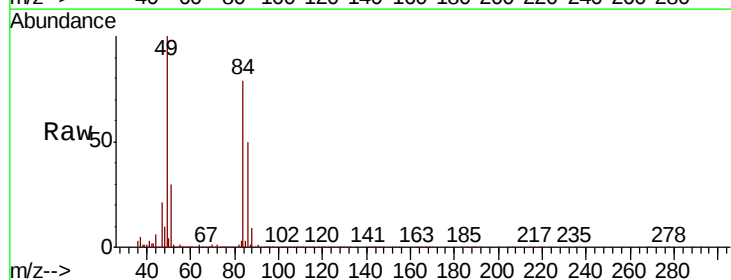
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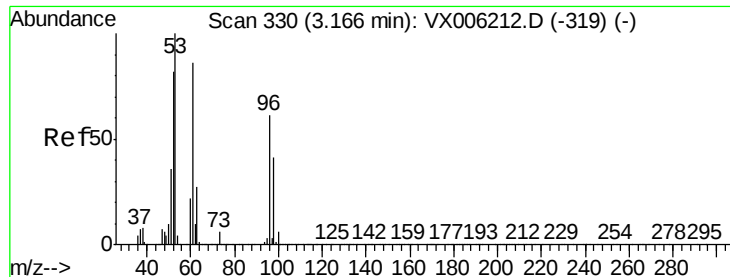
MMDadoda
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#20
Methylene Chloride
Concen: 19.029 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Tgt Ion	84	Resp	132098
Ion Ratio	Lower	Upper	
84	100		
49	126.5	102.2	153.4
51	37.0	31.1	46.7
86	62.7	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 18.445 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBSD01

Tot Ion: 96 Resp: 121098

Ion Ratio Lower Upper

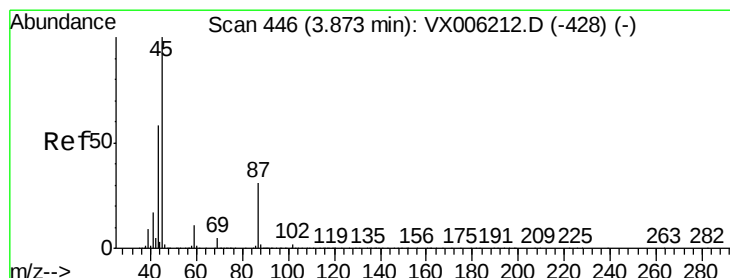
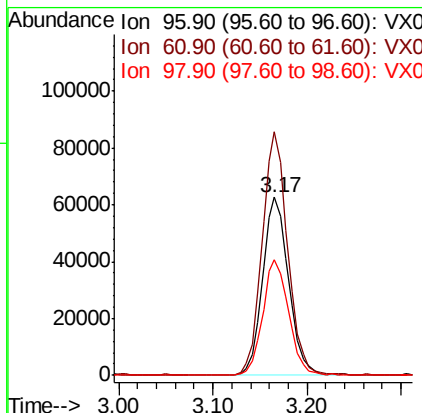
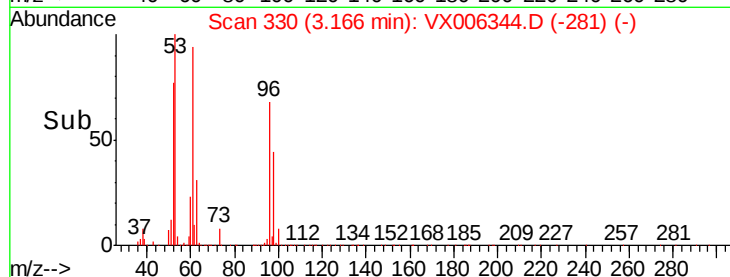
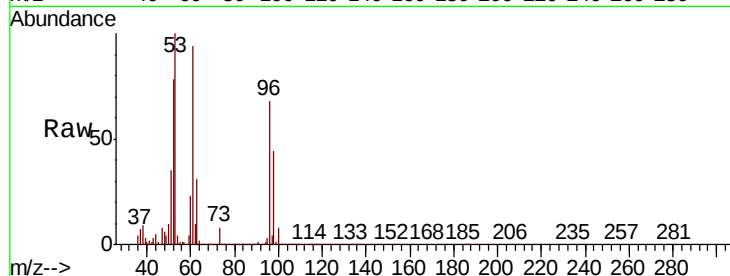
96 100

61 136.3 113.3 169.9

98 64.4 53.2 79.8

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#22

Diisopropyl ether

Concen: 19.837 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Tgt Ion: 45 Resp: 377092

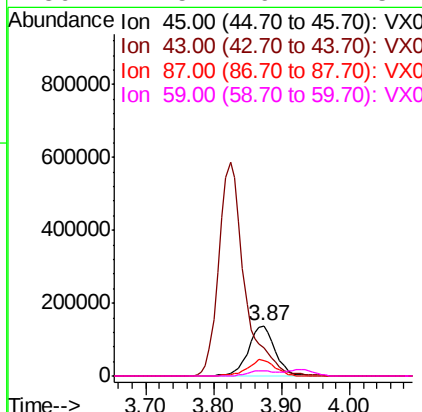
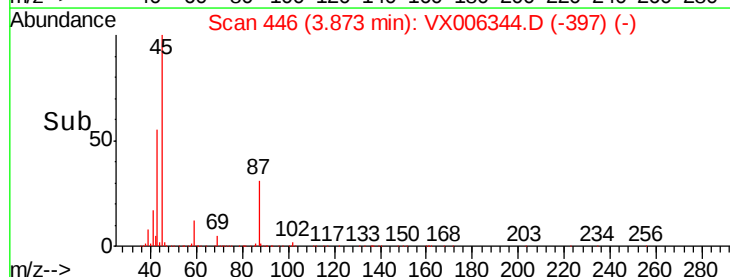
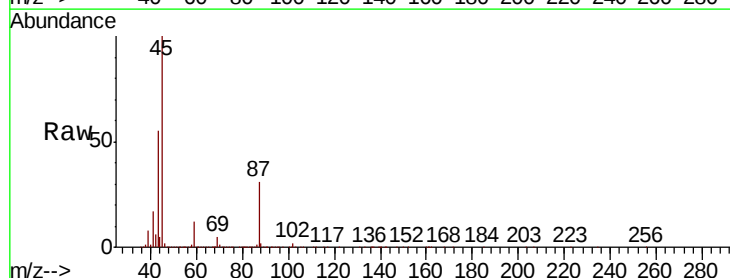
Ion Ratio Lower Upper

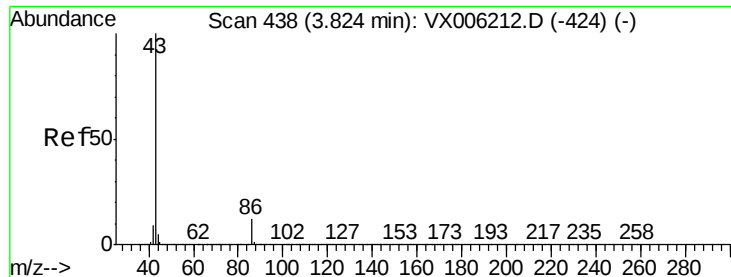
45 100

43 55.1 46.2 69.2

87 30.6 24.9 37.3

59 11.5 9.1 13.7





#23

Vinyl Acetate

Concen: 95.162 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBSD01

Tot Ion: 43 Resp: 1542886

Ion Ratio Lower Upper

43 100

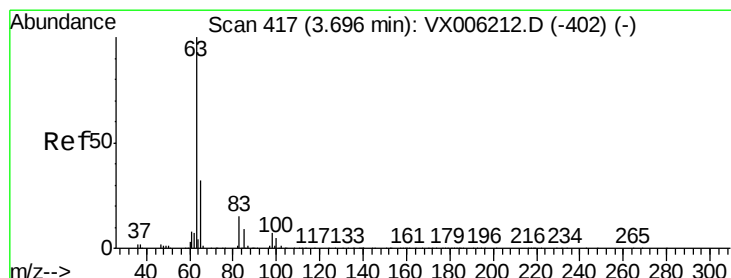
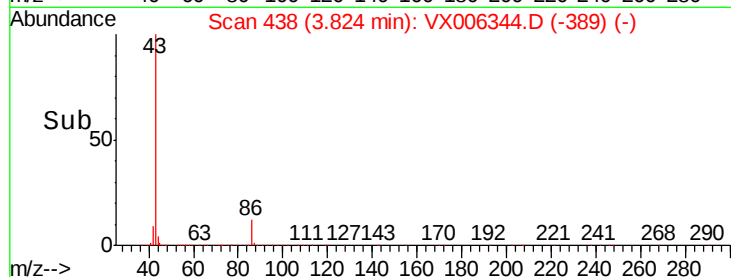
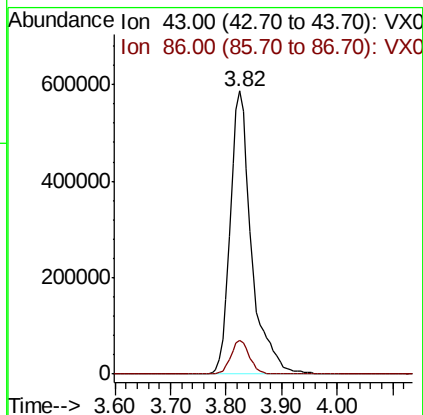
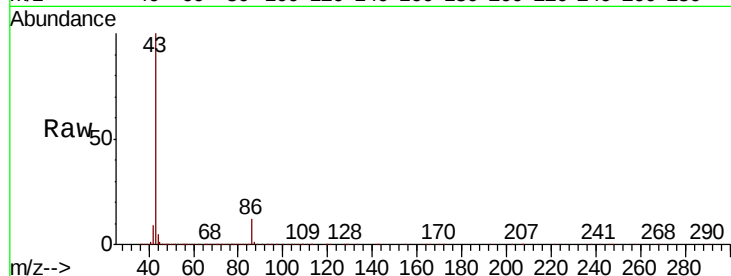
86 12.0 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 19.243 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

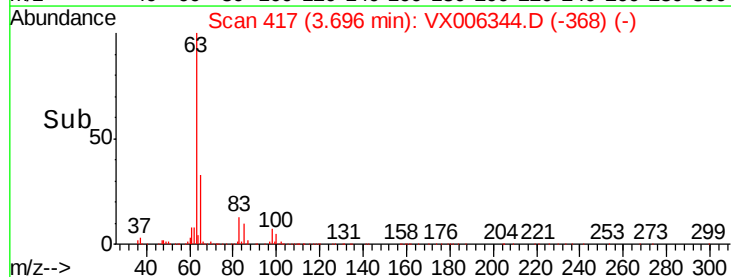
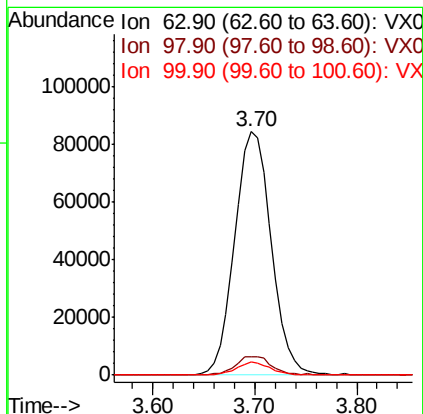
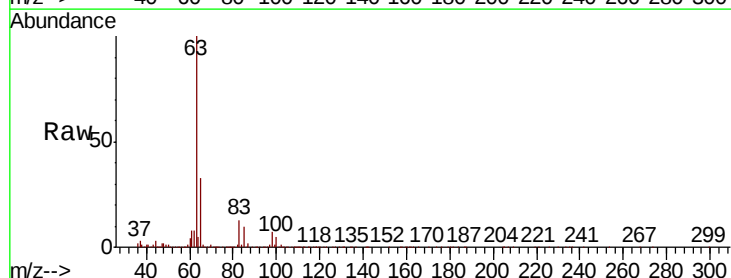
Tgt Ion: 63 Resp: 209080

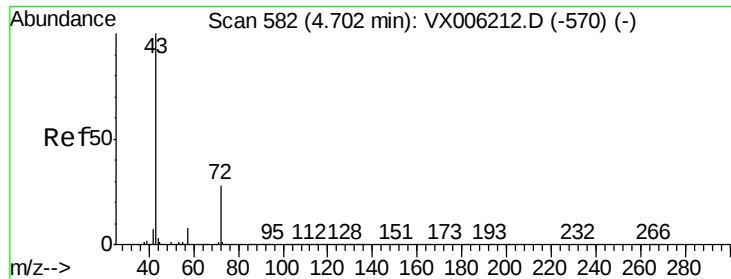
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 5.2 2.5 7.4





#25

2-Butanone

Concen: 99.228 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBSD01

Tot Ion: 43 Resp: 461821

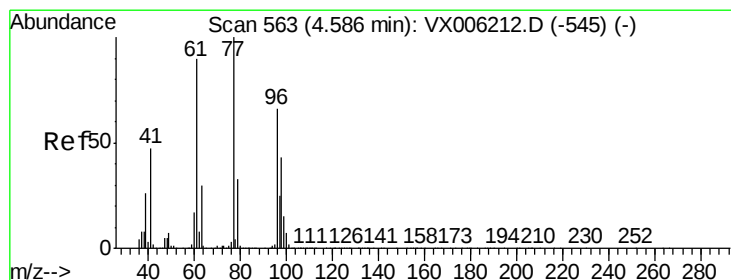
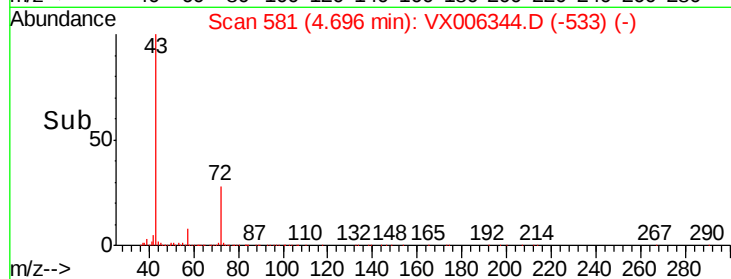
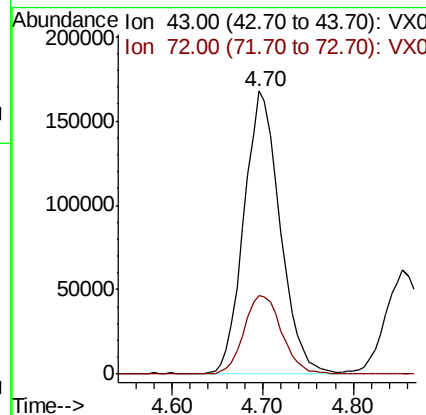
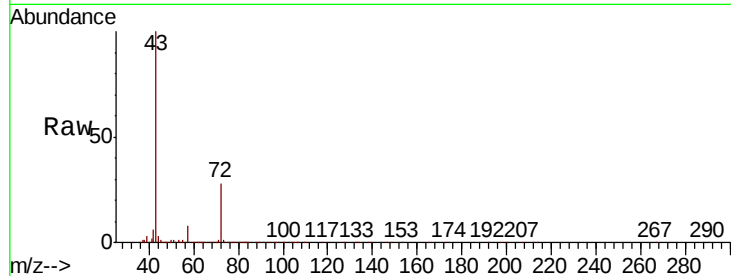
Ion Ratio Lower Upper

43 100

72 27.6 22.6 33.8

Manual Integrations
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12/10/2018 9:57:36 AM



#26

2,2-Dichloropropane

Concen: 18.879 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006344.D

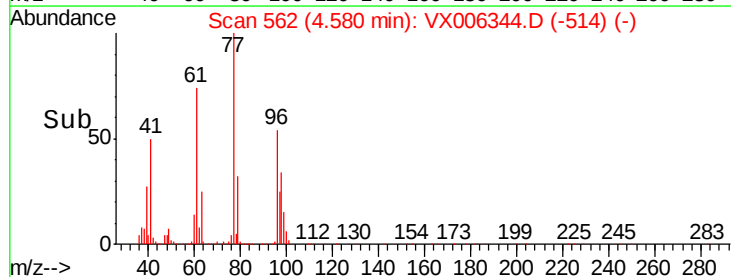
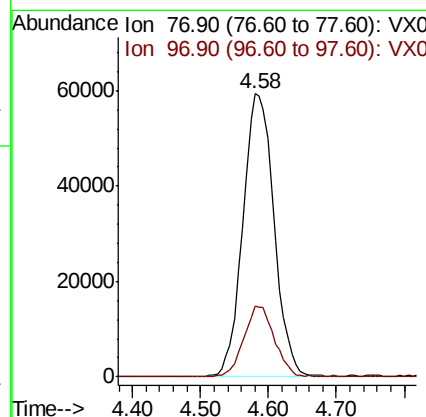
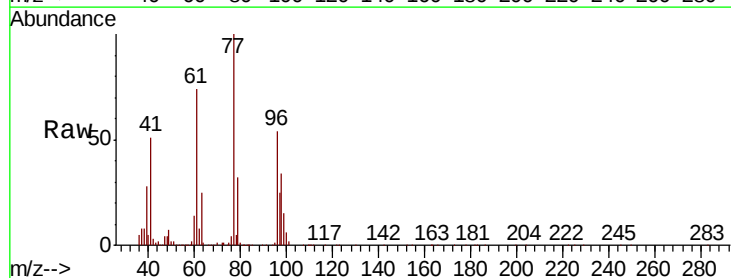
Acq: 07 Dec 2018 13:51

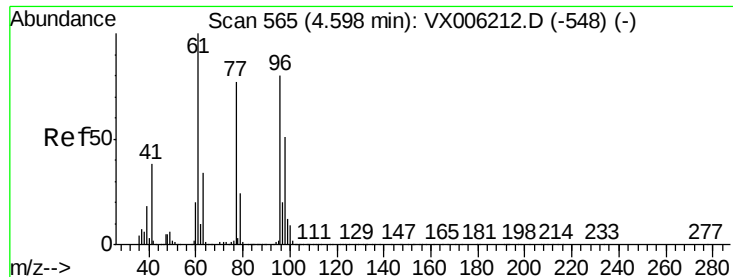
Tgt Ion: 77 Resp: 189305

Ion Ratio Lower Upper

77 100

97 24.7 12.3 36.8





#27

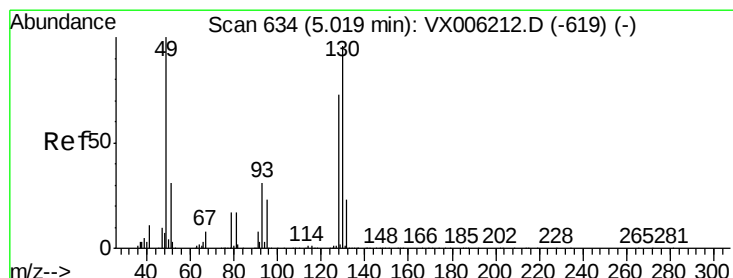
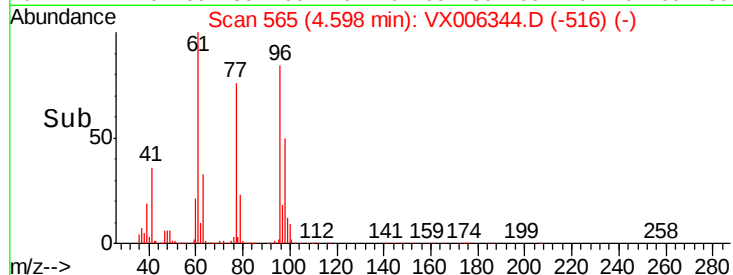
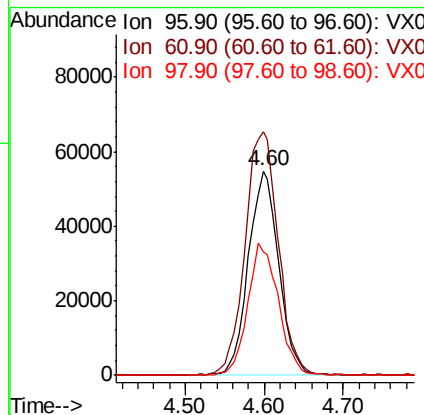
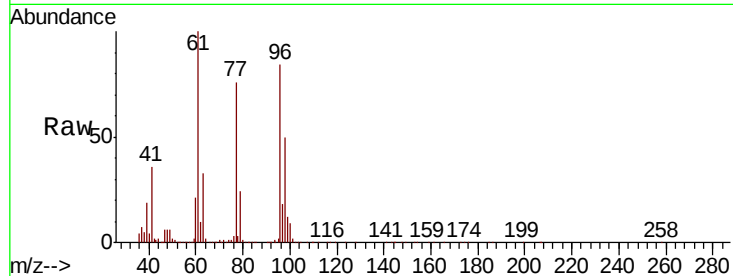
cis-1,2-Dichloroethene
Concen: 19.988 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.4	0.0	265.0
98	65.0	0.0	130.2

Manual Integrations
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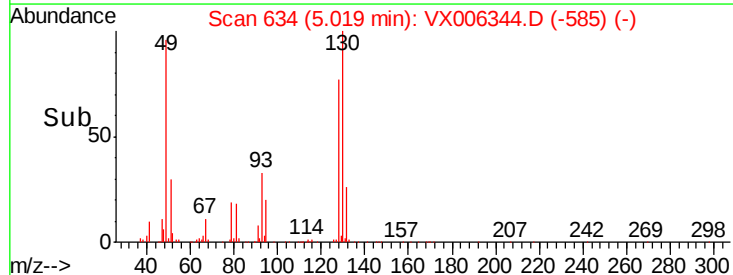
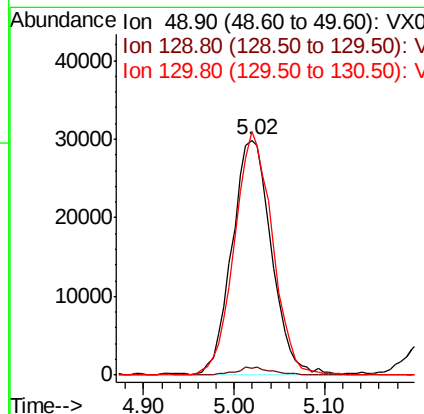
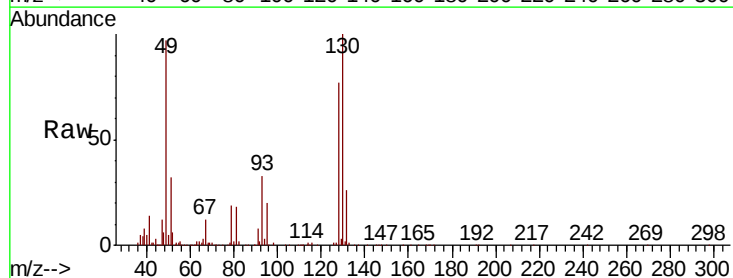
MMDadoda
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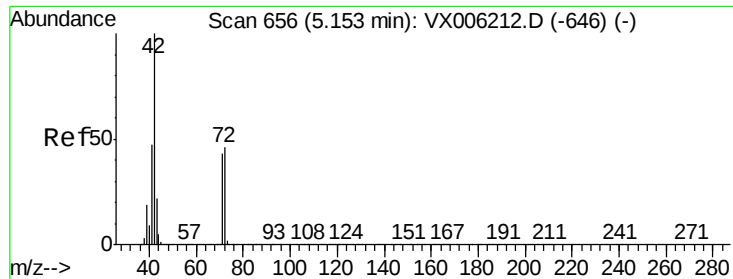


#28

Bromochloromethane
Concen: 18.880 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	5.0
130	100.7	78.3	117.5





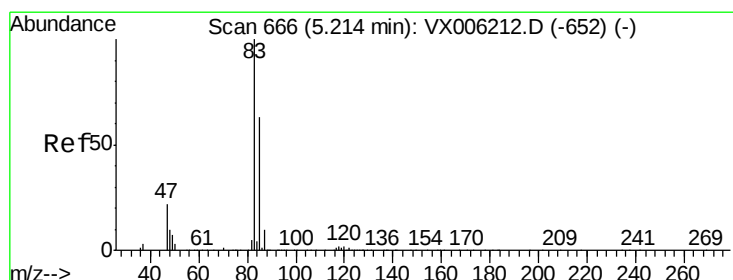
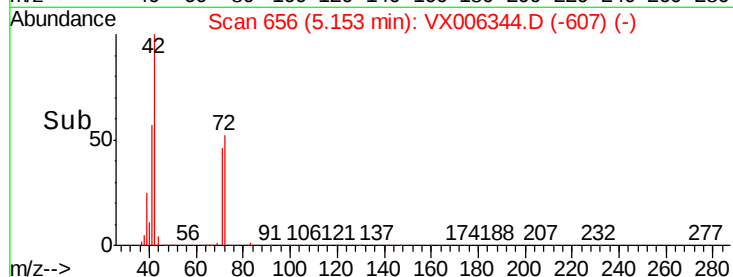
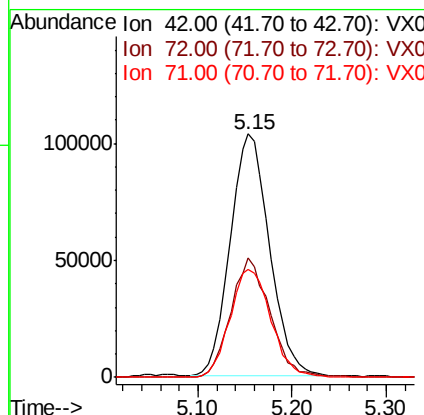
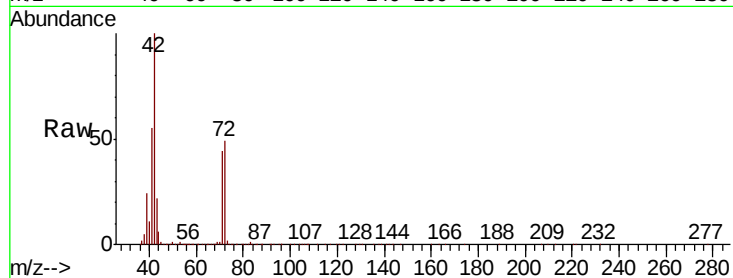
#29
Tetrahydrofuran
Concen: 93.022 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.3	37.8	56.8
71	46.2	35.2	52.8

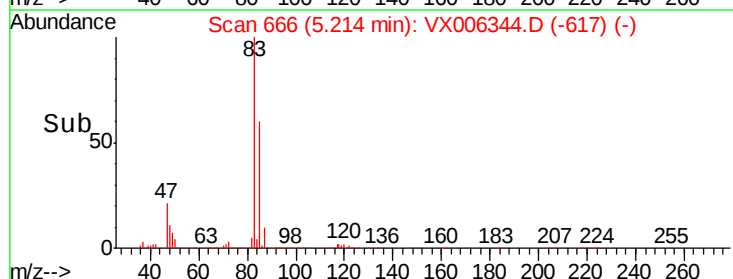
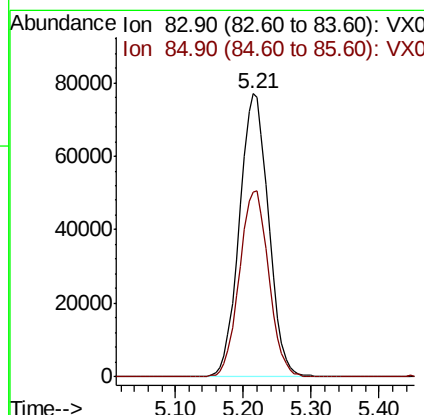
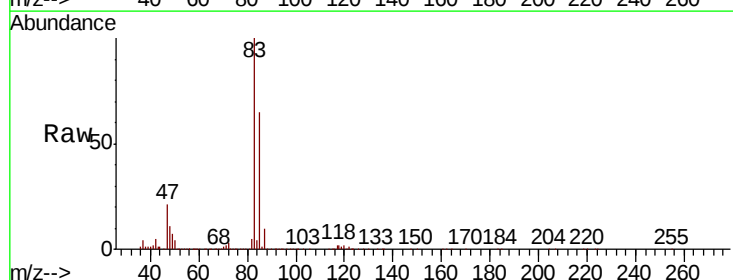
Manual Integrations
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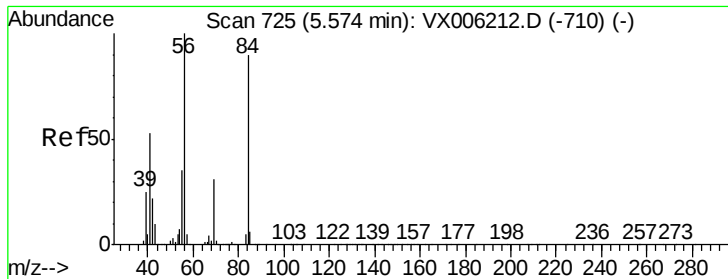
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#30
Chloroform
Concen: 20.137 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.3	75.5





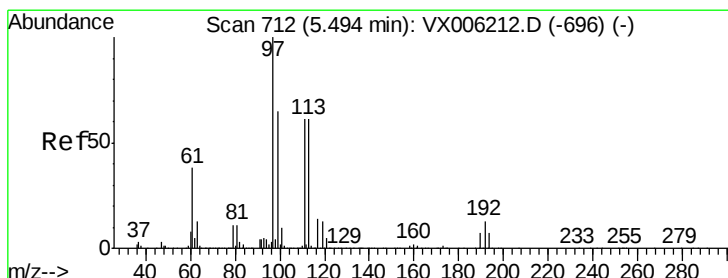
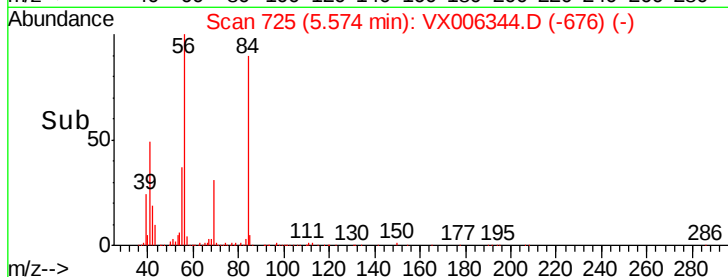
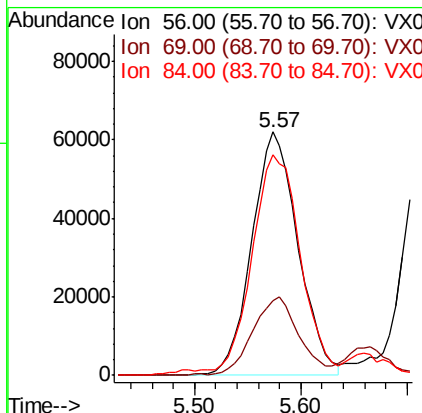
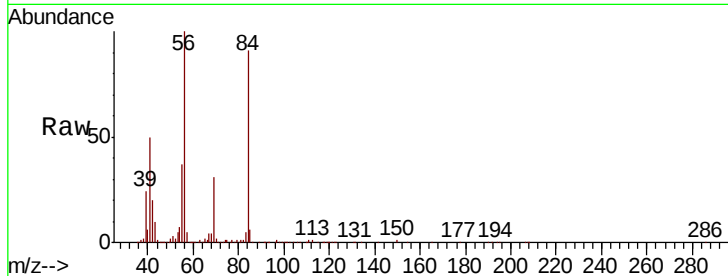
#31
Cvclohexane
Concen: 18.657 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.5	36.7
84	88.4	71.8	107.6

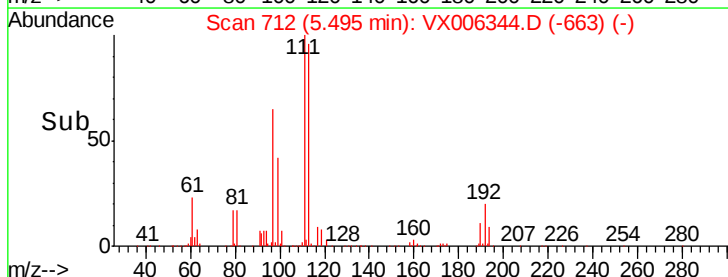
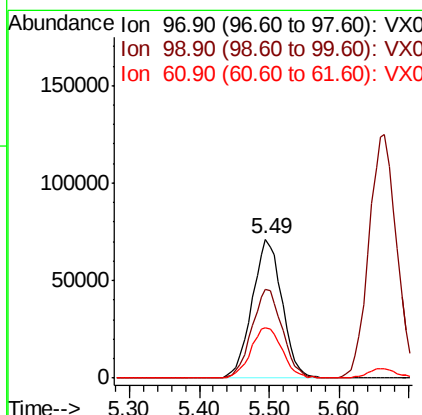
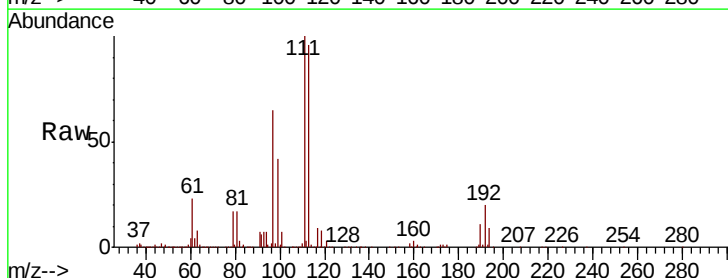
Manual Integrations
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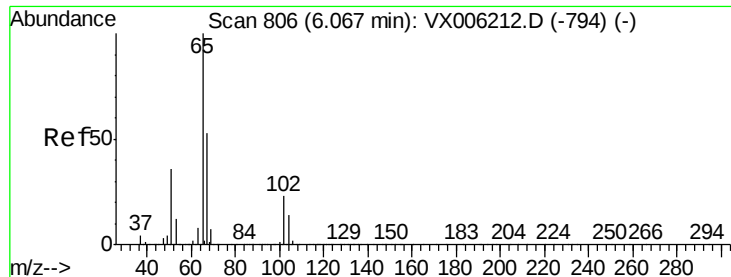
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#32
1,1,1-Trichloroethane
Concen: 19.519 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.6	77.4
61	38.5	30.6	46.0





#33

1,2-Dichloroethane-d4

Concen: 51.208 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBSD01

Tot Ion: 65 Resp: 355919

Ion Ratio Lower Upper

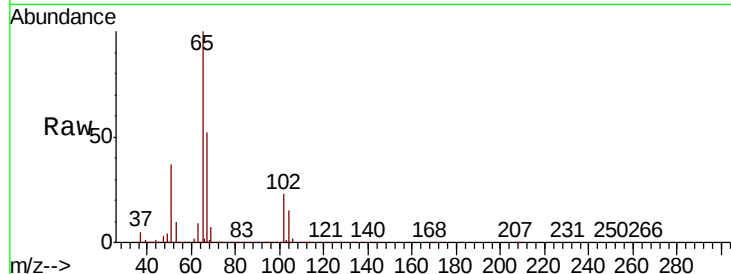
65 100

67 52.8 0.0 107.2

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

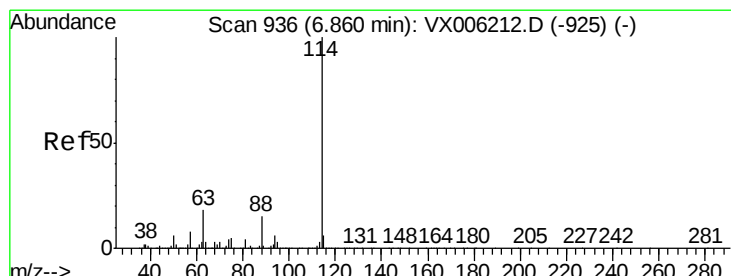
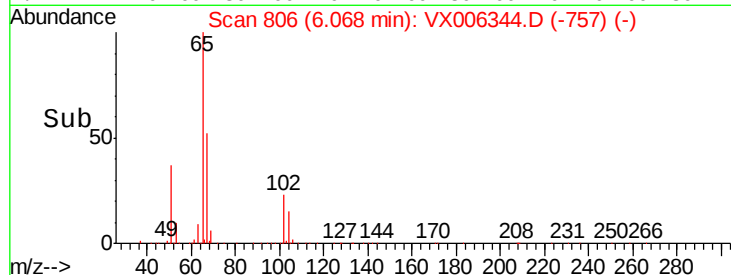
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

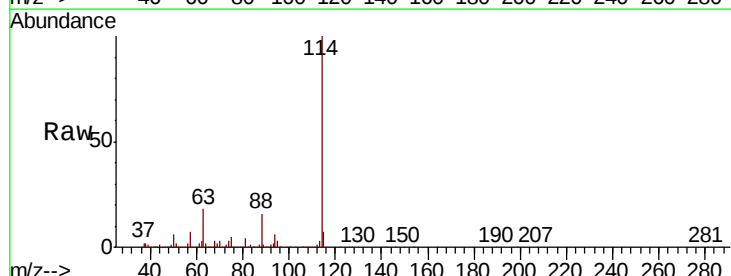
Tgt Ion: 114 Resp: 1028614

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.6

88 15.6 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

600000

500000

400000

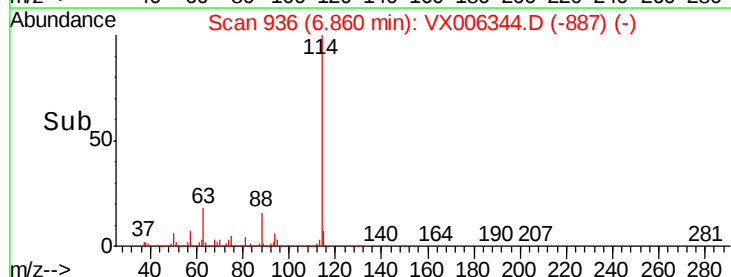
300000

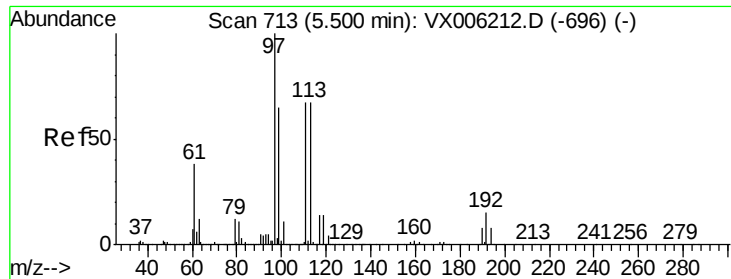
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.466 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

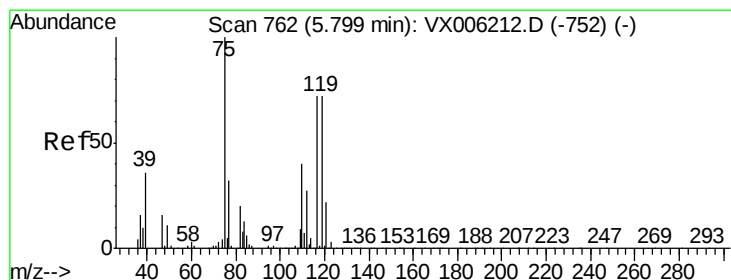
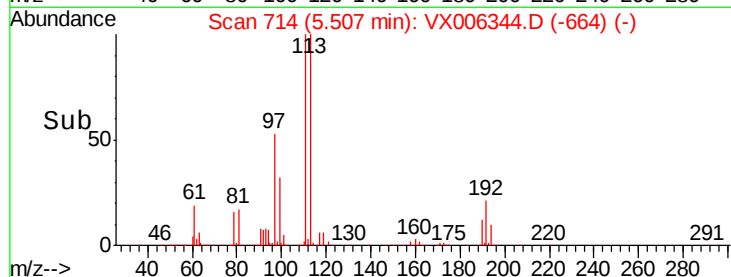
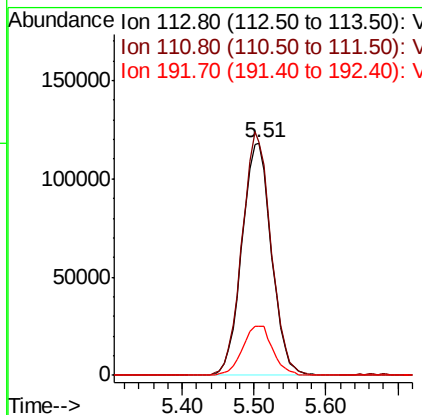
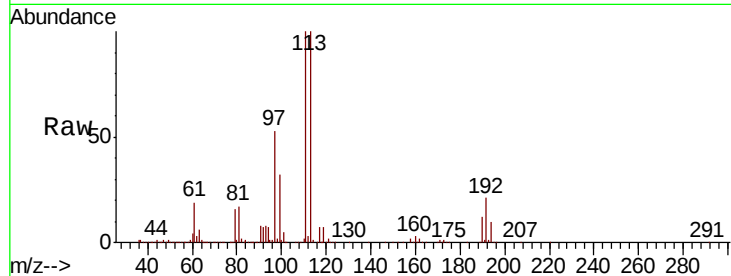
ClientSampleId :

VX1207WBSD01

Tot Ion:	113	Resp:	336095
Ion Ratio	Lower	Upper	
113	100		
111	102.9	81.1	121.7
192	21.7	18.2	27.2

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#36

1,1-Dichloropropene

Concen: 18.715 ug/l

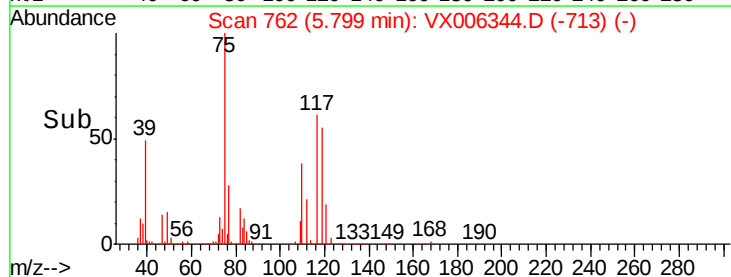
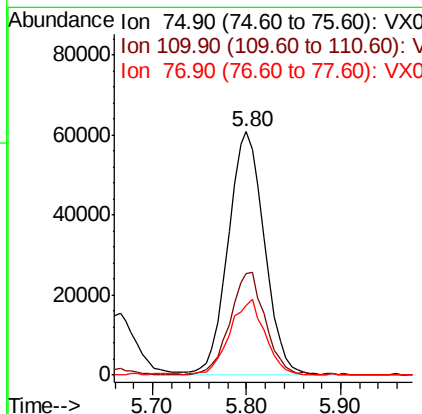
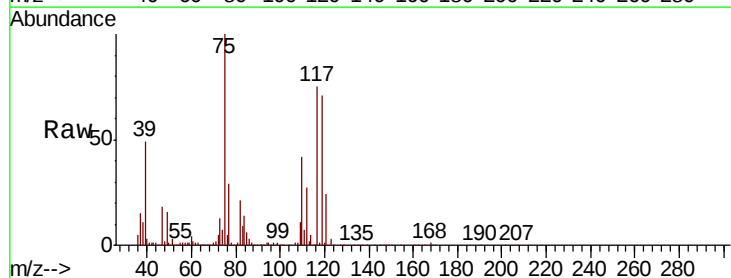
RT: 5.80 min Scan# 762

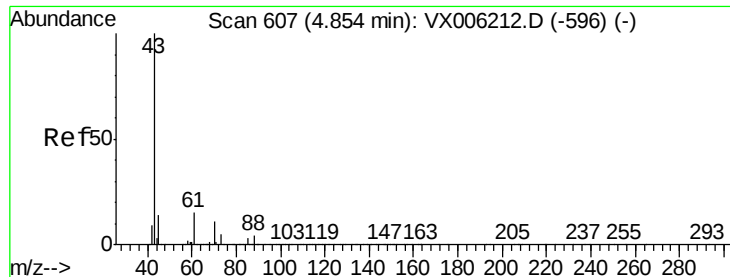
Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Tgt Ion:	75	Resp:	162112
Ion Ratio	Lower	Upper	
75	100		
110	41.5	20.4	61.3
77	30.0	24.9	37.3





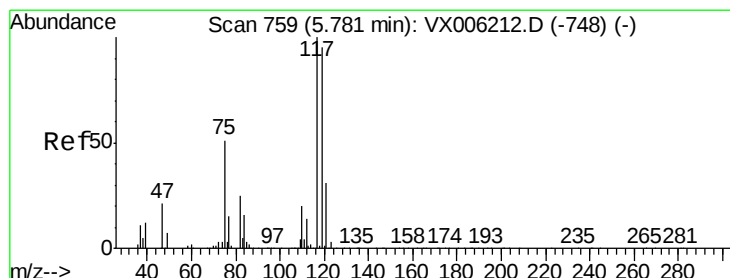
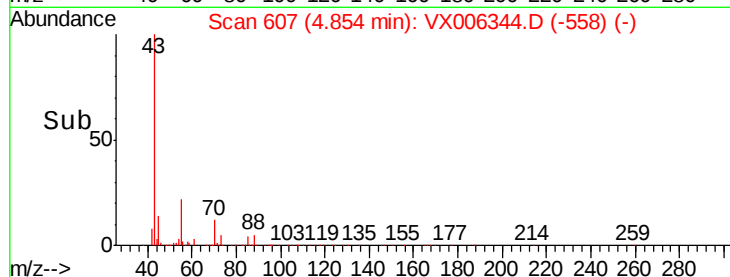
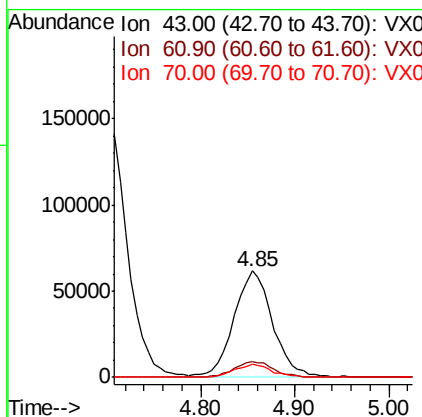
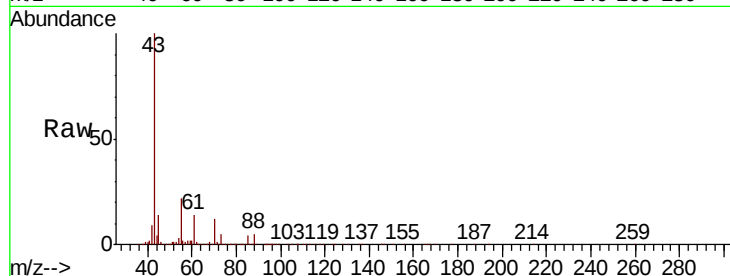
#37
Ethyl Acetate
Concen: 17.941 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.5	17.3
70	12.1	9.0	13.6

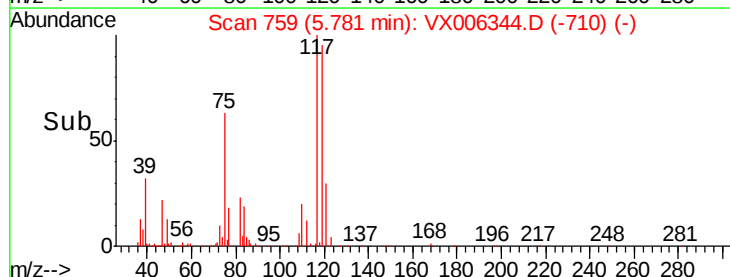
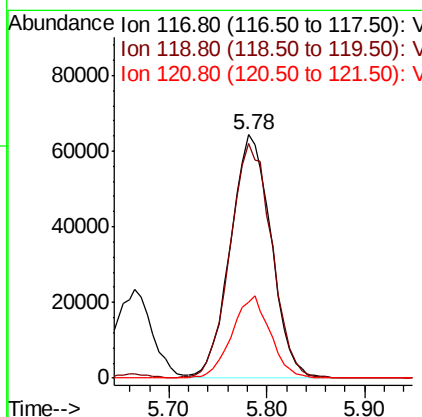
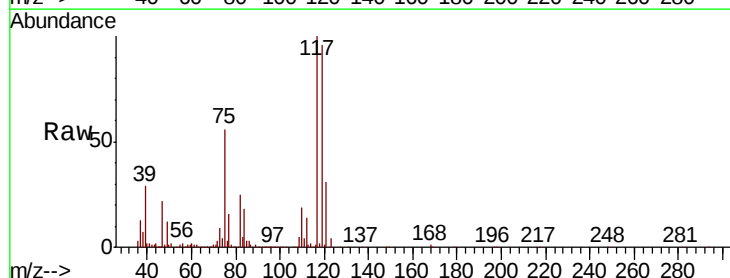
Manual Integrations
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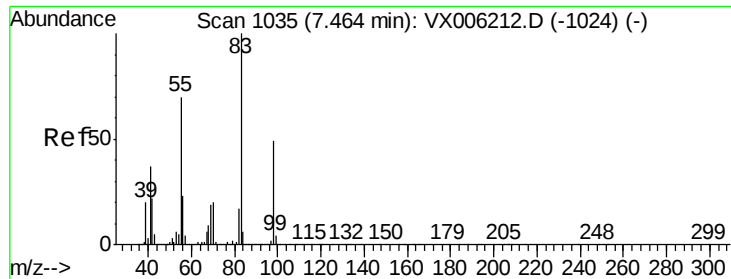
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#38
Carbon Tetrachloride
Concen: 18.205 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.8	113.8
121	31.5	24.6	37.0





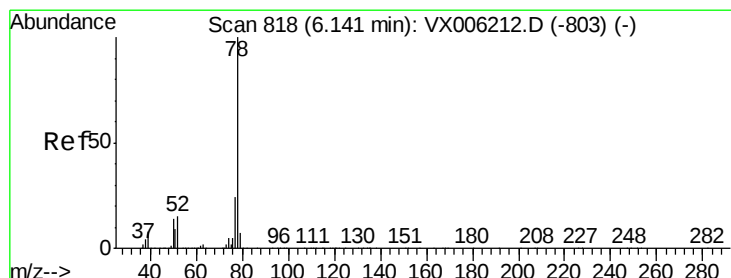
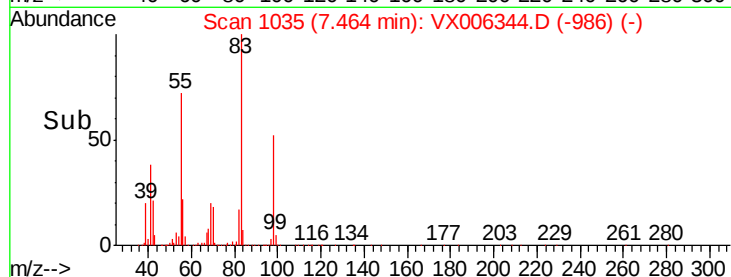
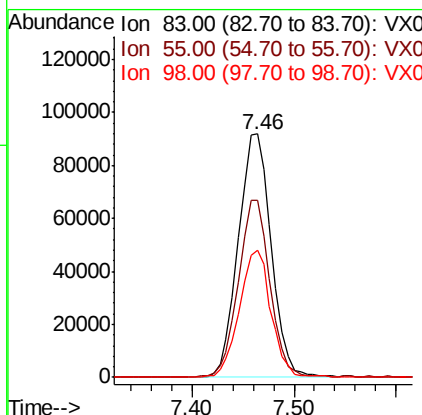
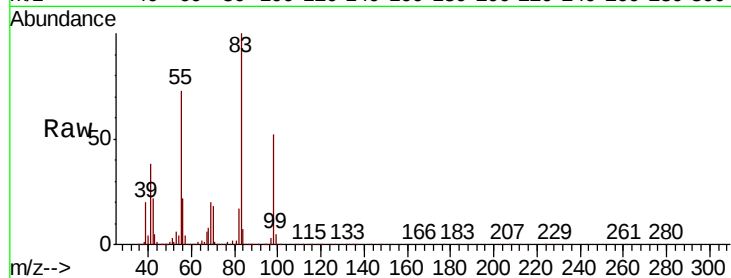
#39
Methvlcvclohexane
Concen: 18.355 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.5	56.4	84.6
98	51.9	39.0	58.6

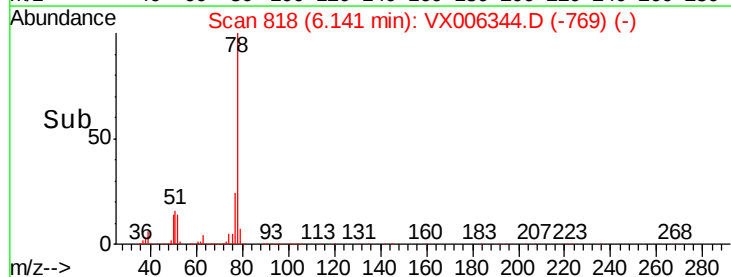
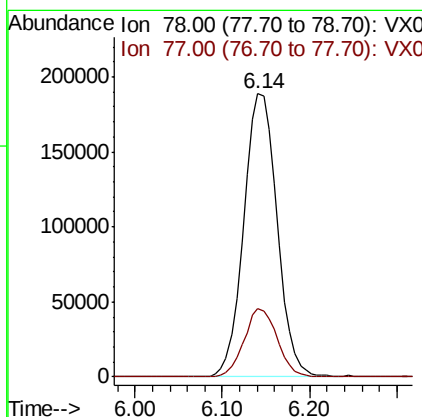
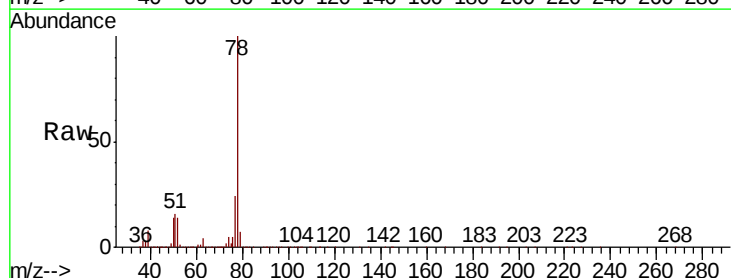
Manual Integrations
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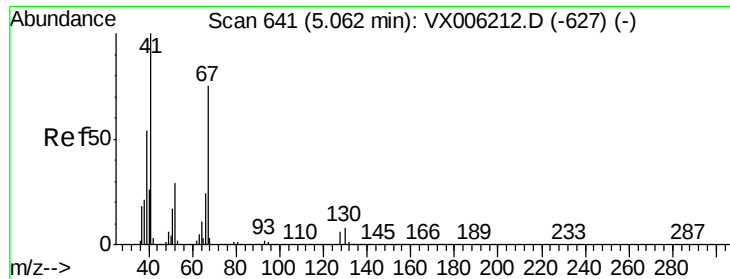
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#40
Benzene
Concen: 19.311 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.2	28.8





#41

Methacrylonitrile

Concen: 18.047 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

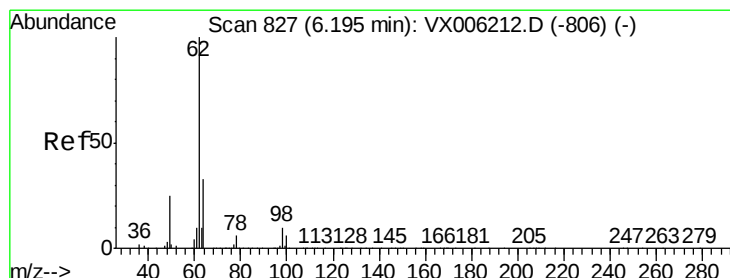
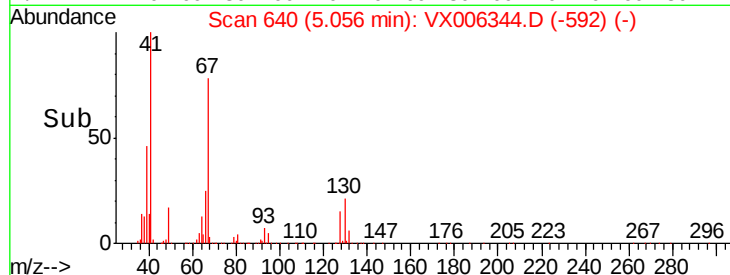
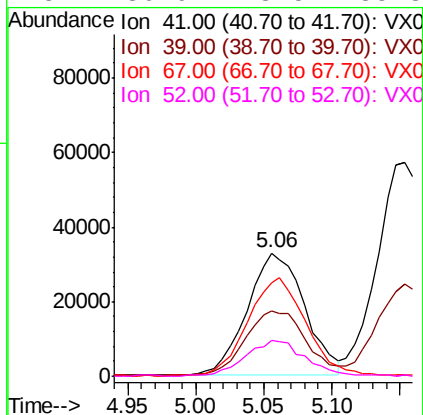
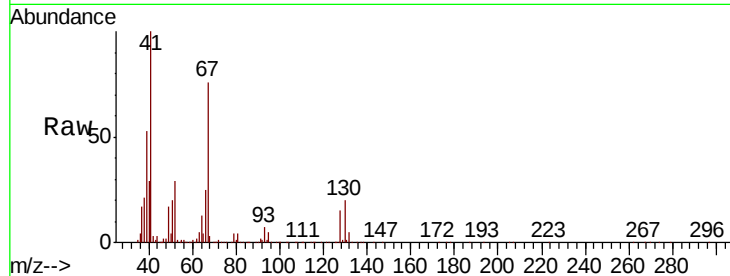
ClientSampleId :

VX1207WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.4	44.0	66.0	
67	81.5	61.4	92.0	
52	30.9	23.5	35.3	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.872 ug/l

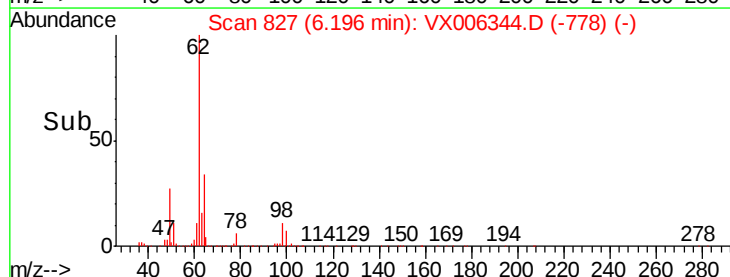
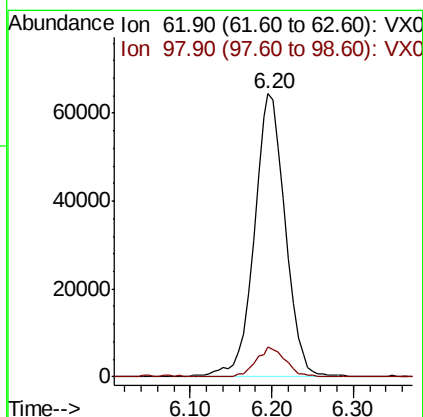
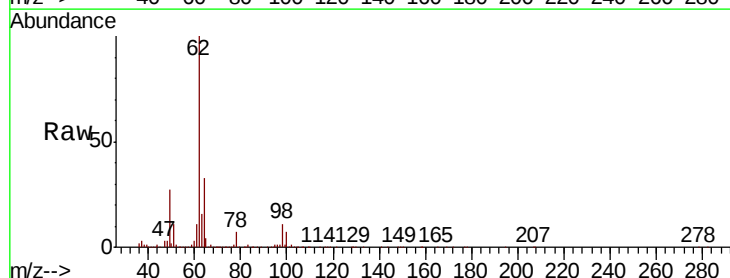
RT: 6.20 min Scan# 827

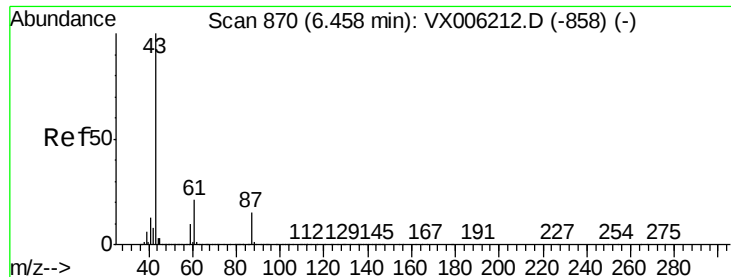
Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	20.2	





#43

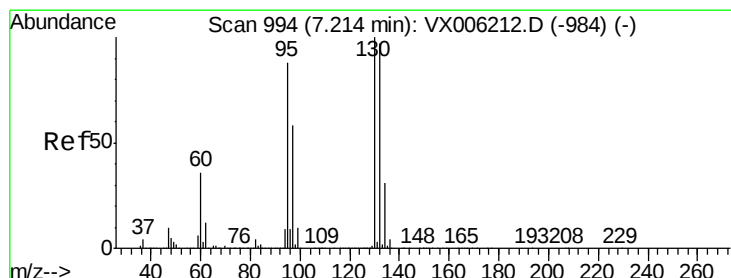
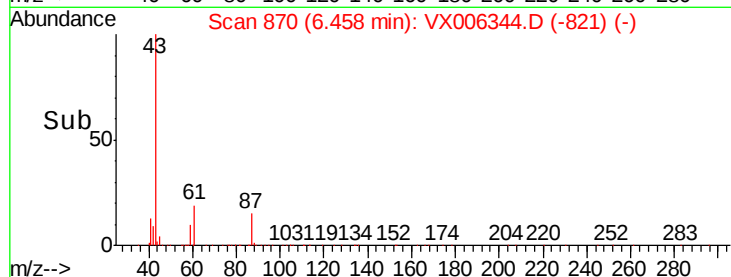
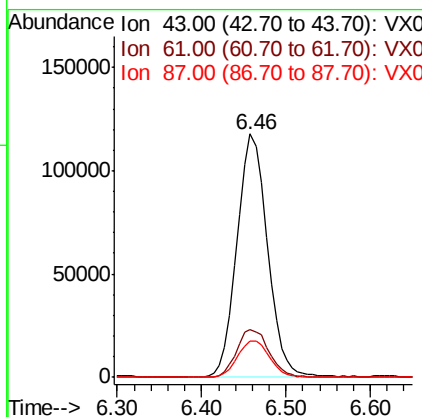
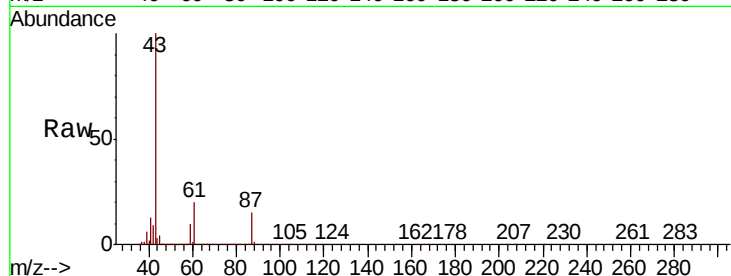
Isopropyl Acetate
 Concen: 17.770 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
43	43	100		
61	61	21.0	16.8	25.2
87	87	16.0	11.9	17.9

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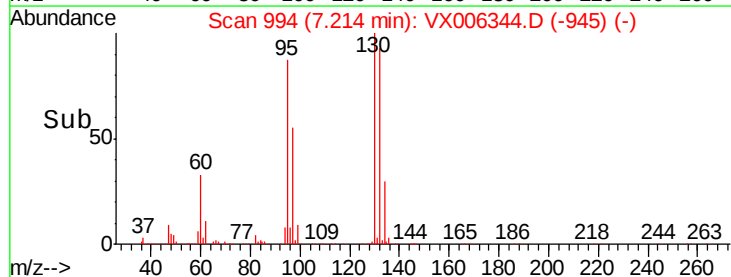
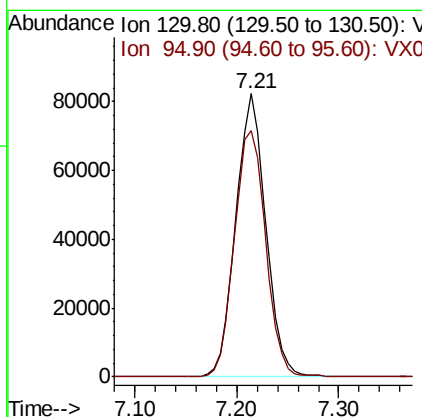
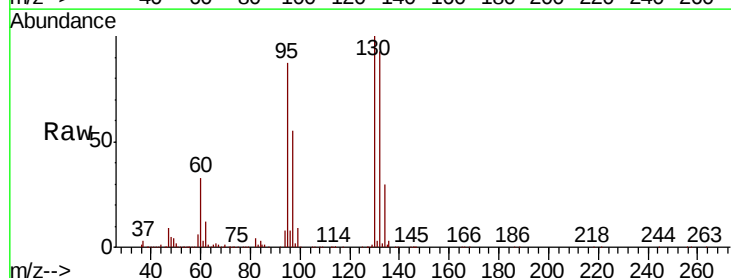
MMDadoda
 12/10/2018 9:57:36 AM

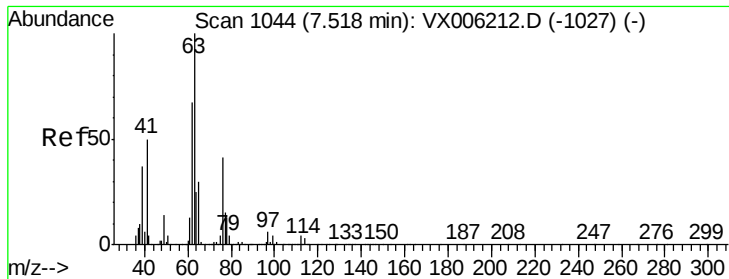


#44

Trichloroethene
 Concen: 21.331 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Tgt Ion	Ion	Ratio	Lower	Upper
130	130	100		
95	95	86.8	0.0	175.8





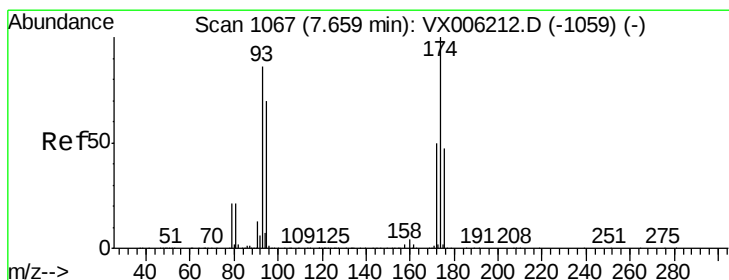
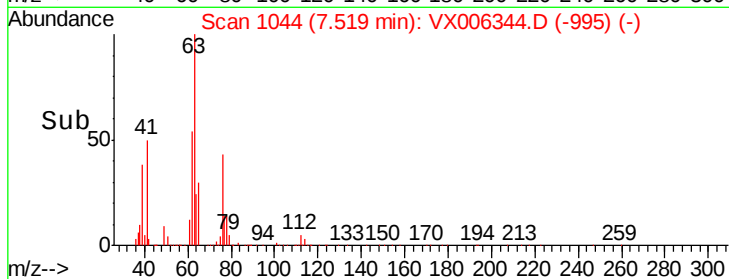
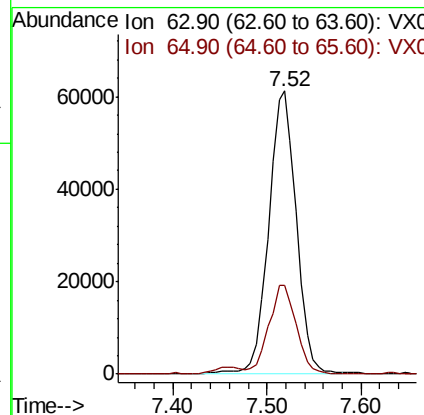
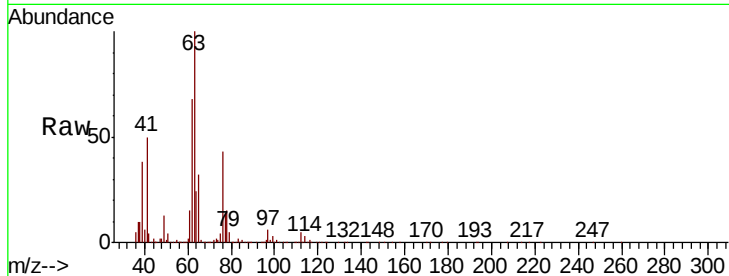
#45
 1,2-Dichloropropane
 Concen: 19.025 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.3	36.5

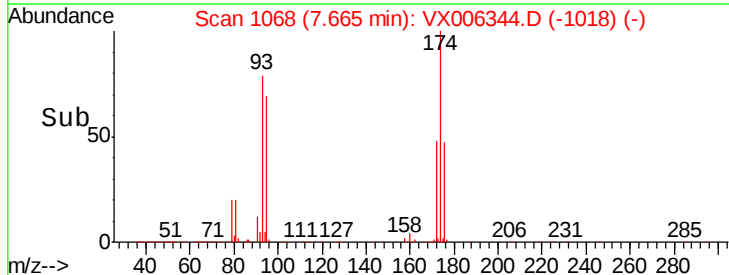
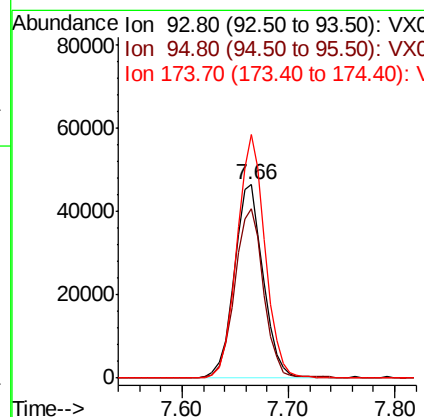
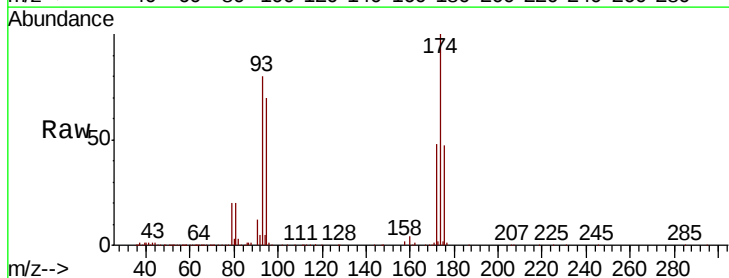
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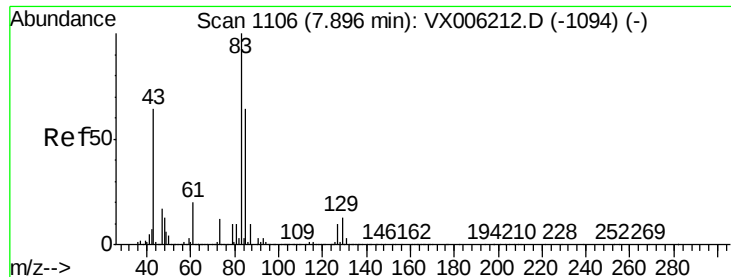
MMDadoda
 12/10/2018 9:57:36 AM



#46
 Dibromomethane
 Concen: 18.718 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	86.6	66.2	99.4
174	121.1	97.2	145.8





#47

Bromodichloromethane

Concen: 18.311 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

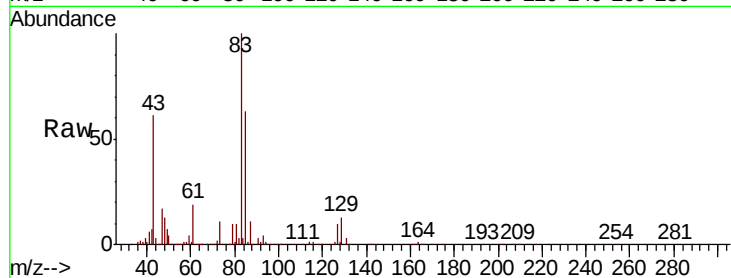
ClientSampleId :

VX1207WBSD01

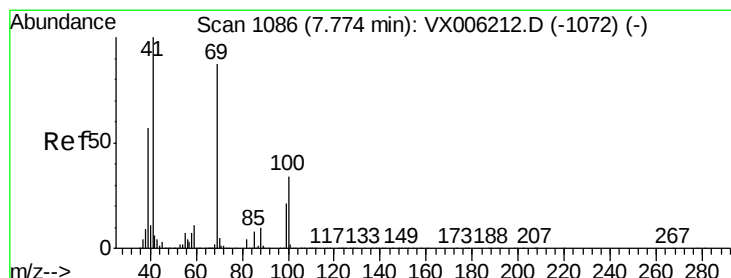
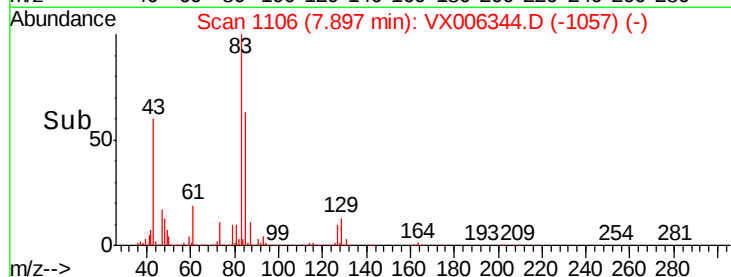
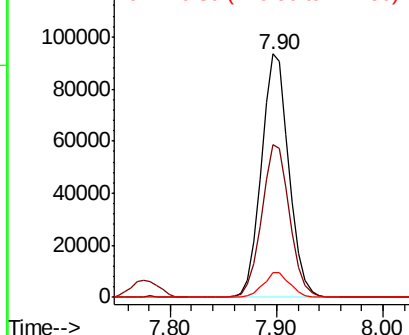
Tot Ion:	83	Resp:	168861
Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.4	77.0
127	10.4	7.9	11.9

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.348 ug/l

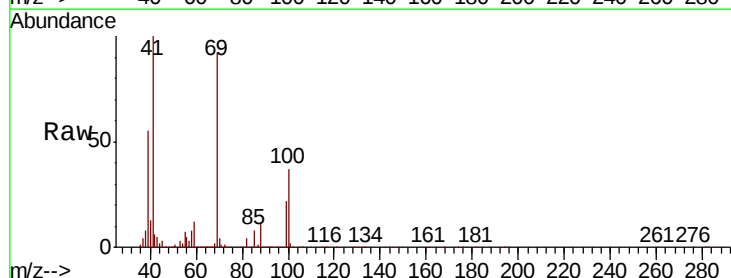
RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

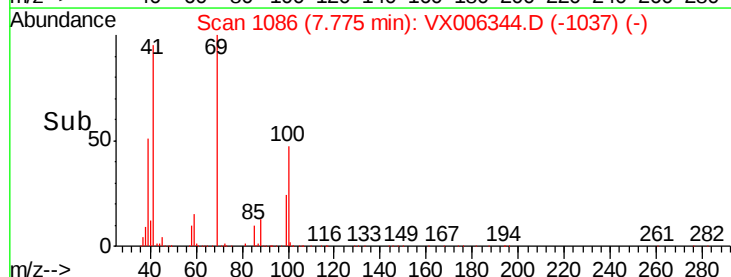
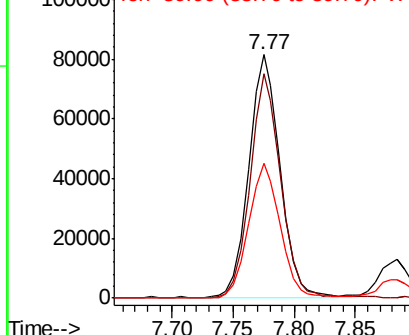
Lab File: VX006344.D

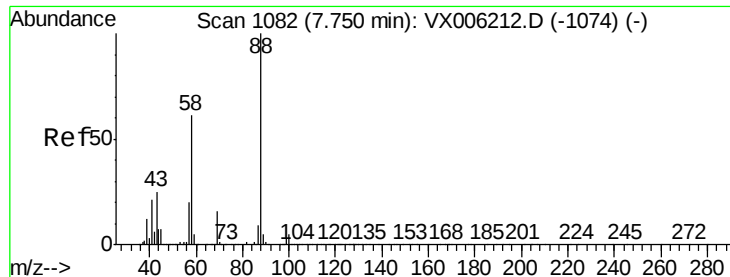
Acq: 07 Dec 2018 13:51

Tgt Ion:	41	Resp:	144362
Ion	Ratio	Lower	Upper
41	100		
69	91.5	70.3	105.5
39	55.7	45.3	67.9



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 387.407 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

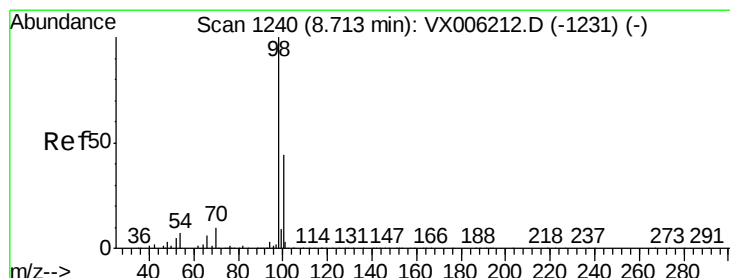
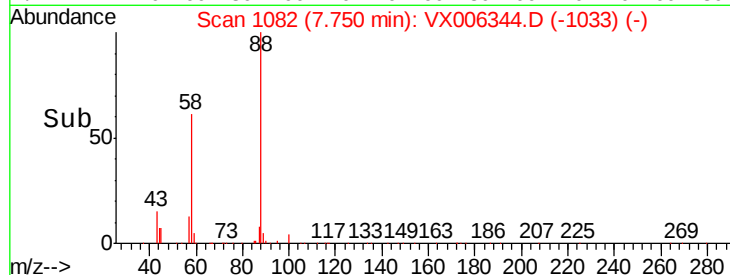
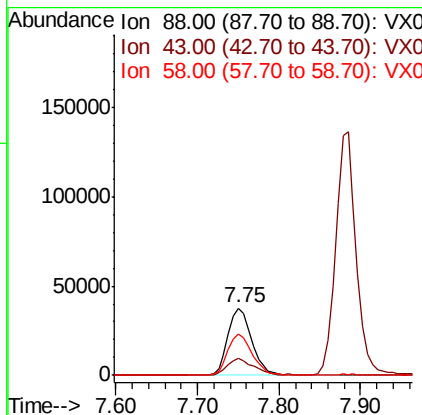
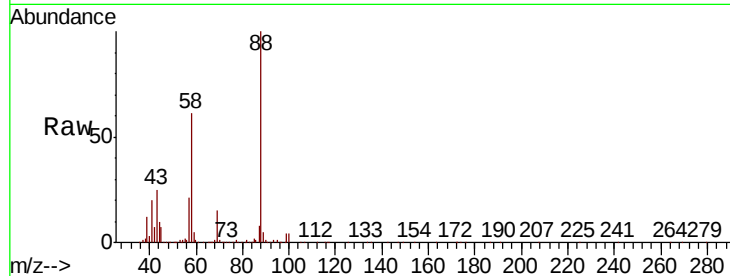
ClientSampleId :

VX1207WBSD01

Tot Ion:	88	Resp:	75126
Ion	Ratio	Lower	Upper
88	100		
43	27.8	23.2	34.8
58	62.2	51.4	77.0

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#50

Toluene-d8

Concen: 49.604 ug/l

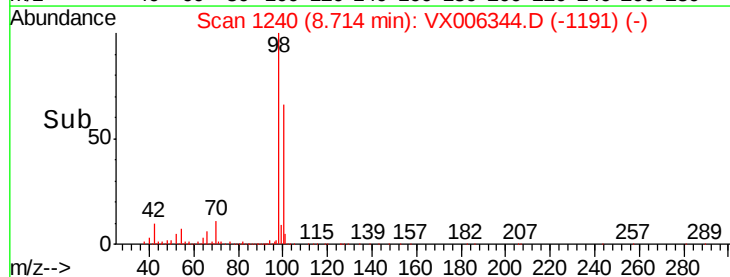
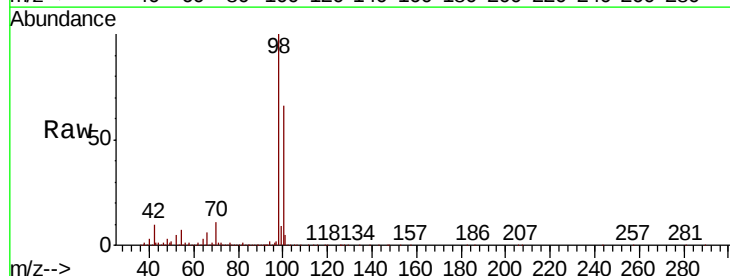
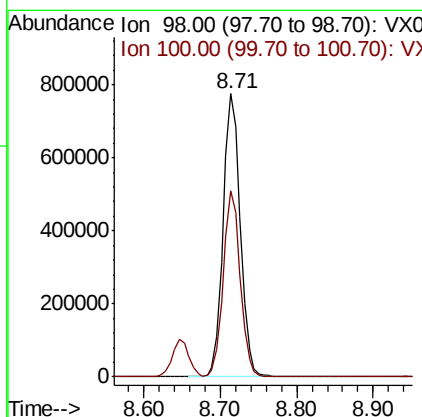
RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Tgt Ion:	98	Resp:	1201642
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 93.433 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBSD01

Tot Ion: 43 Resp: 879682

Ion Ratio Lower Upper

43 100

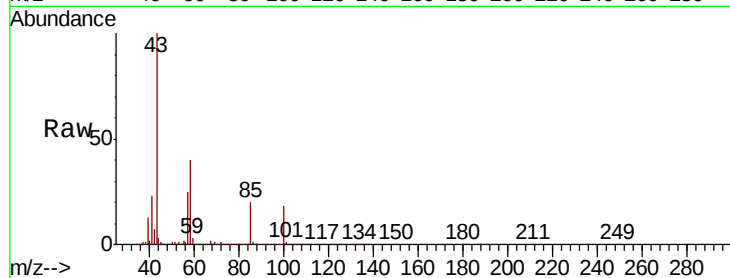
58 40.6 31.3 46.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

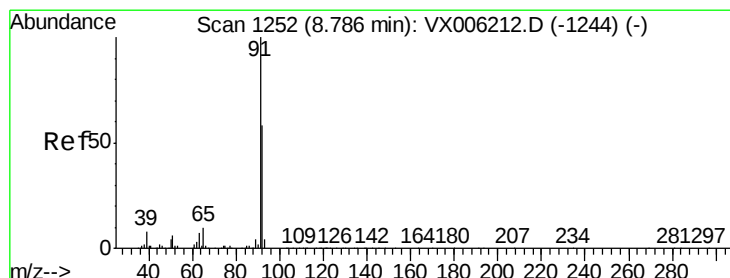
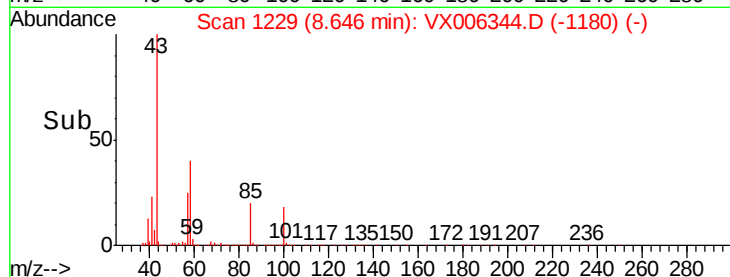
600000

400000

200000

0

Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 19.114 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006344.D

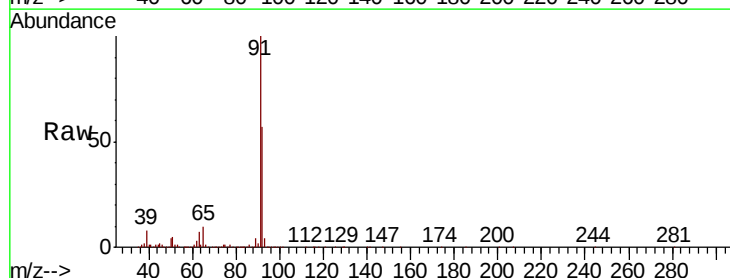
Acq: 07 Dec 2018 13:51

Tgt Ion: 92 Resp: 326242

Ion Ratio Lower Upper

92 100

91 174.5 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

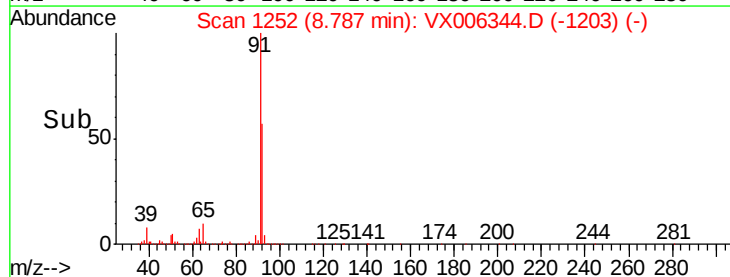
300000

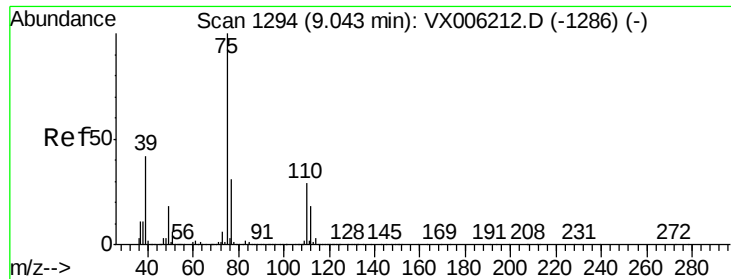
200000

100000

0

Time--> 8.70 8.80 8.90





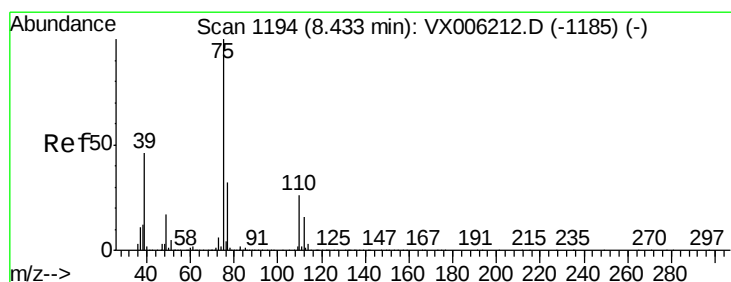
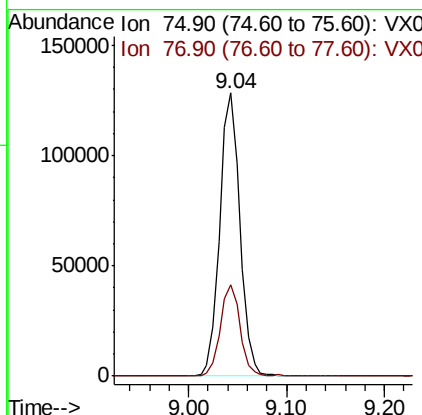
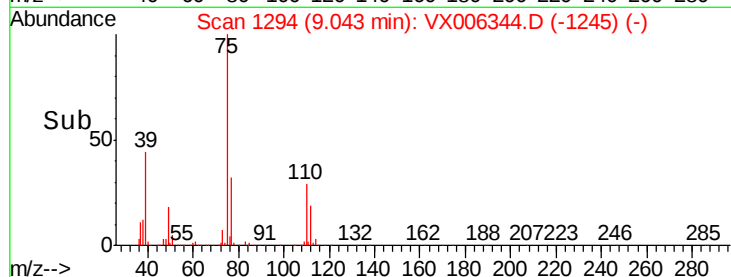
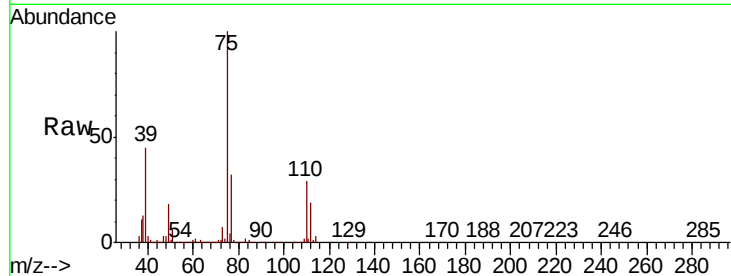
#53
t-1,3-Dichloropropene
Concen: 17.042 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBSD01

Tot Ion: 75 Resp: 183798
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.4

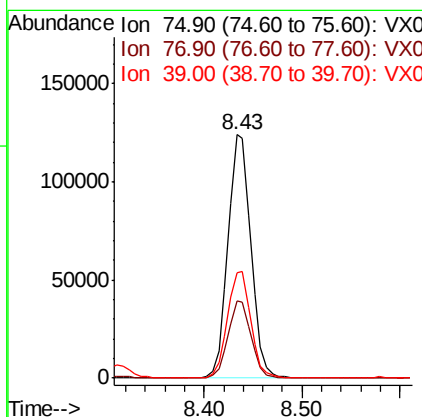
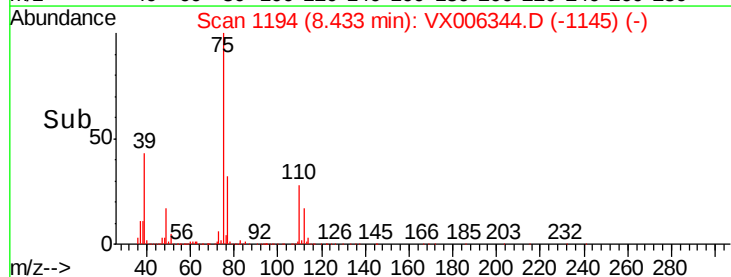
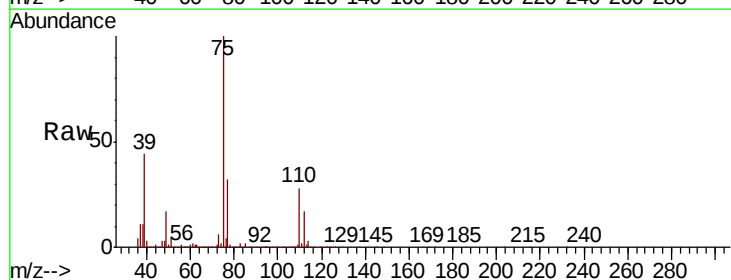
Manual Integrations
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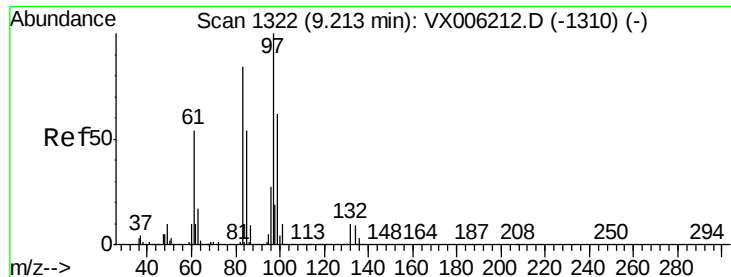
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.033 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Tgt Ion: 75 Resp: 201952
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4
39 43.3 36.5 54.7





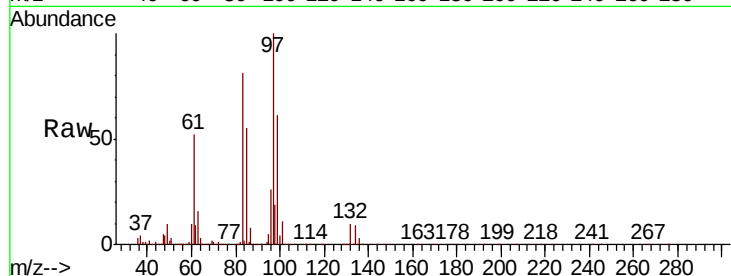
#55
 1,1,2-Trichloroethane
 Concen: 19.682 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBSD01

Tot Ion	97	Resp	136473
Ion Ratio	Lower	Upper	
97	100		
83	80.5	67.1	100.7
85	55.0	43.2	64.8
99	61.0	49.8	74.6

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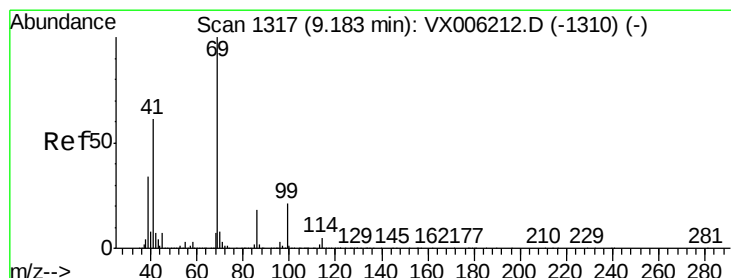
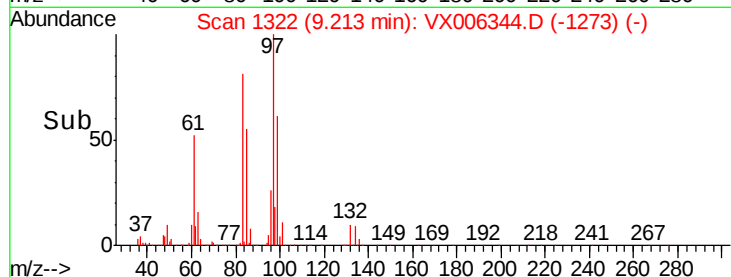
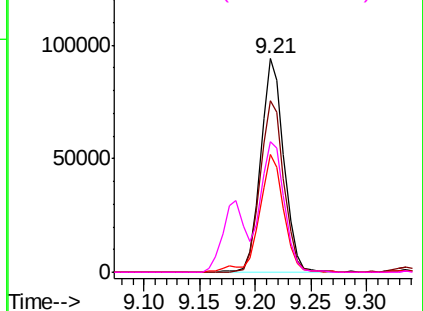
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

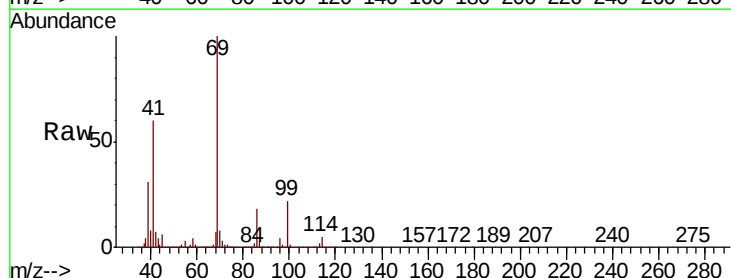
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 18.719 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Tgt Ion	69	Resp	202919
Ion Ratio	Lower	Upper	
69	100		
41	61.6	50.6	76.0
39	32.5	27.6	41.4

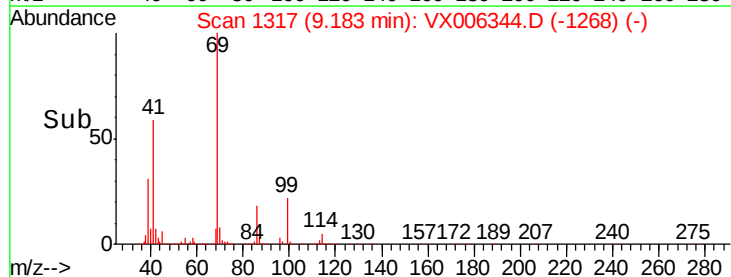
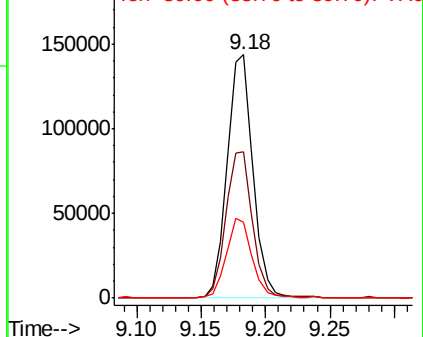


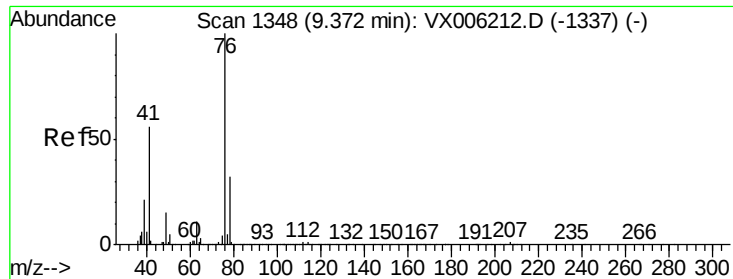
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.726 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBSD01

Tot Ion: 76 Resp: 216295

Ion Ratio Lower Upper

76 100

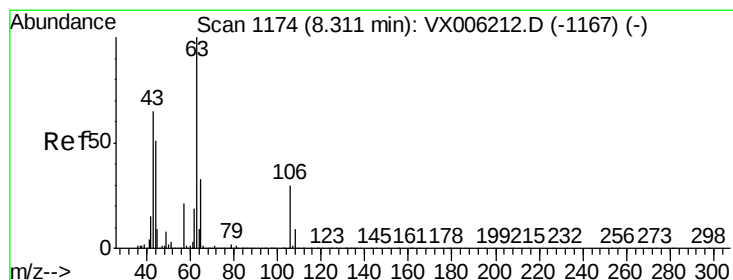
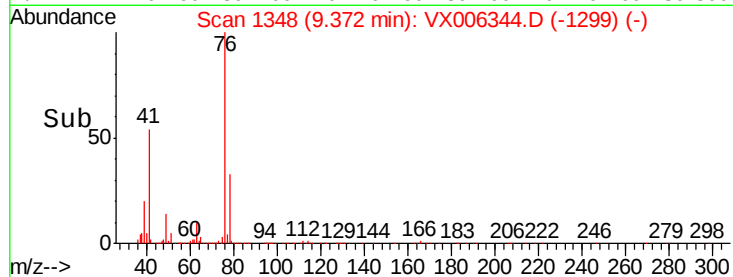
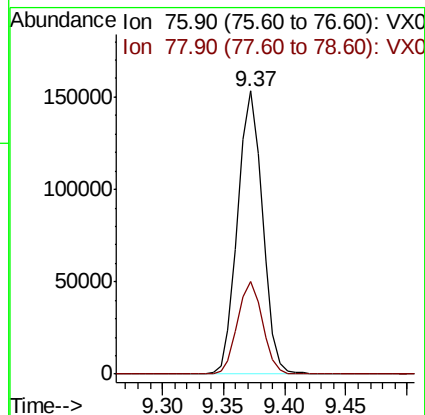
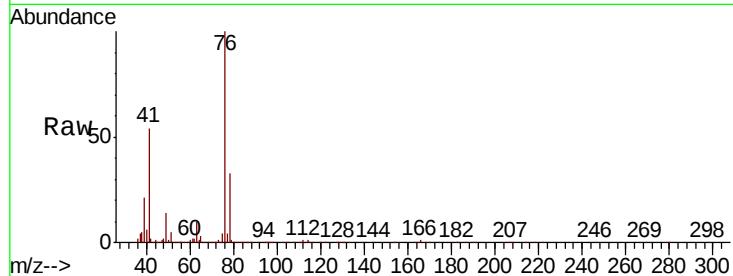
78 33.1 26.1 39.1

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#58

2-Chloroethyl Vinyl ether

Concen: 96.572 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006344.D

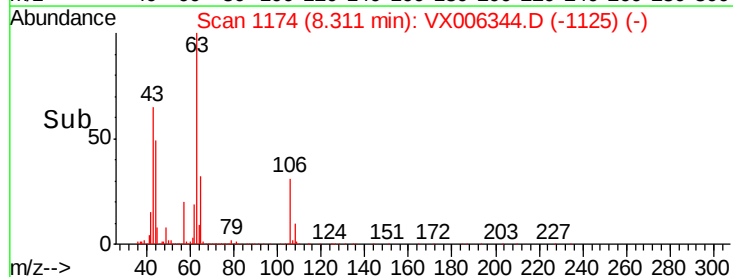
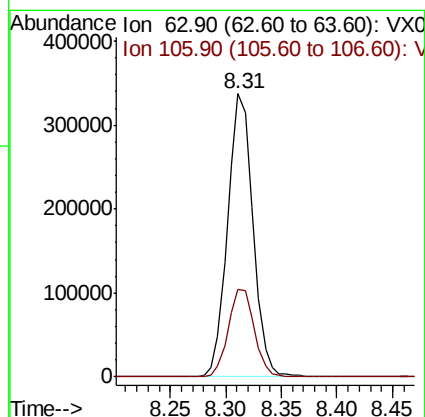
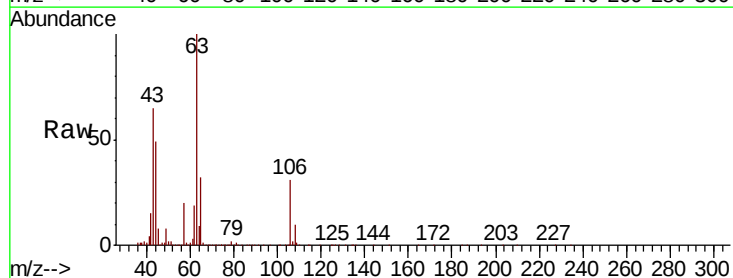
Acq: 07 Dec 2018 13:51

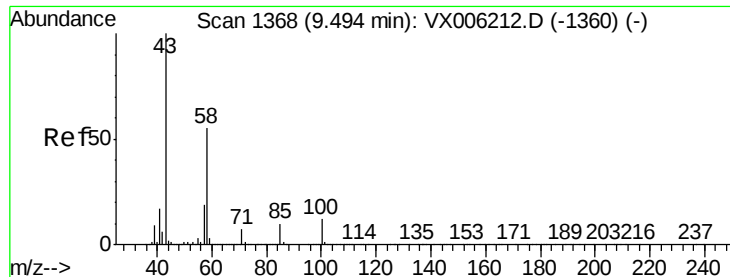
Tgt Ion: 63 Resp: 531223

Ion Ratio Lower Upper

63 100

106 32.0 24.9 37.3





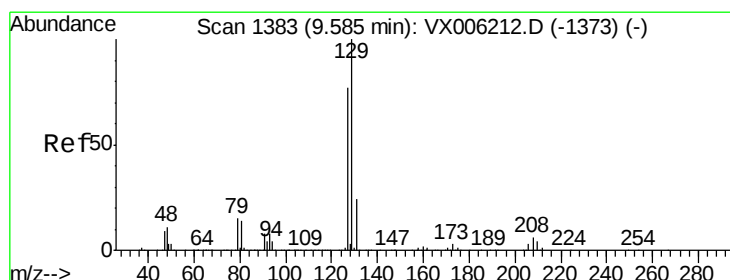
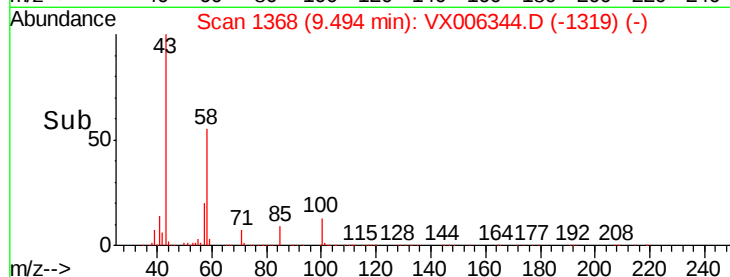
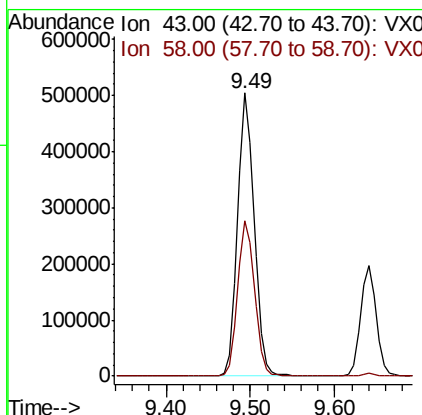
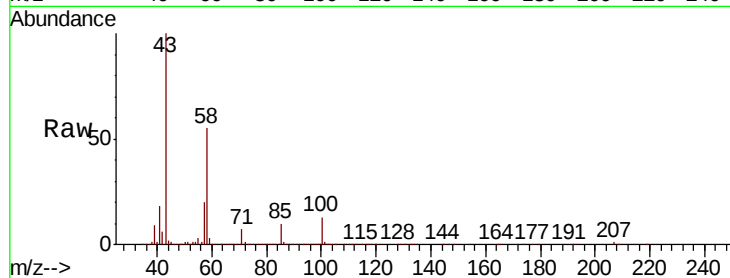
#59
2-Hexanone
Concen: 93.117 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBSD01

Tot Ion: 43 Resp: 669807
Ion Ratio Lower Upper
43 100
58 55.7 27.7 83.1

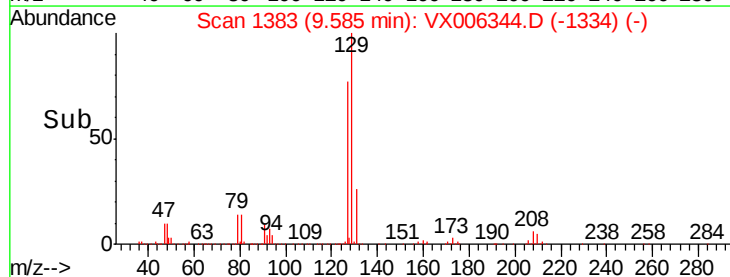
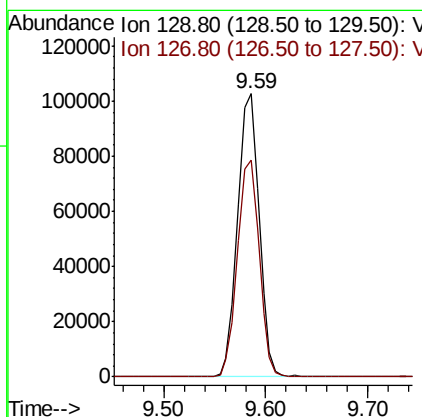
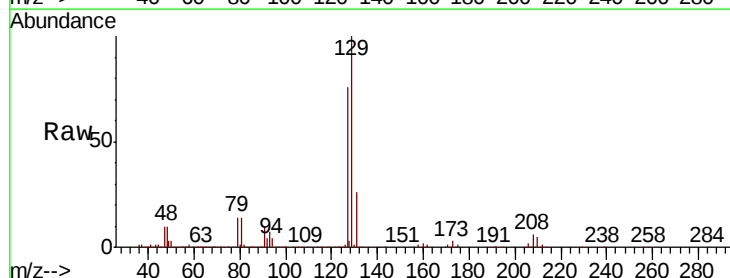
Manual Integrations
APPROVED

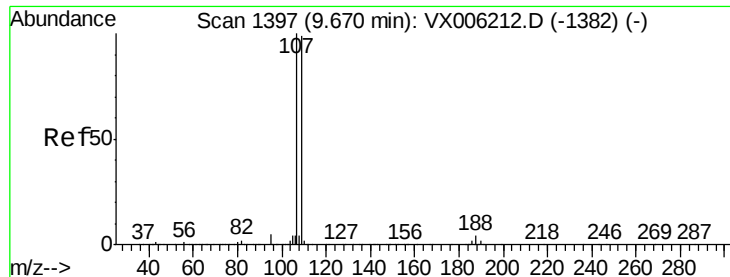
MMDadoda
12/10/2018 9:57:36 AM



#60
Dibromochloromethane
Concen: 17.489 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Tgt Ion: 129 Resp: 149535
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.174 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBSD01

Tot Ion: 107 Resp: 148664

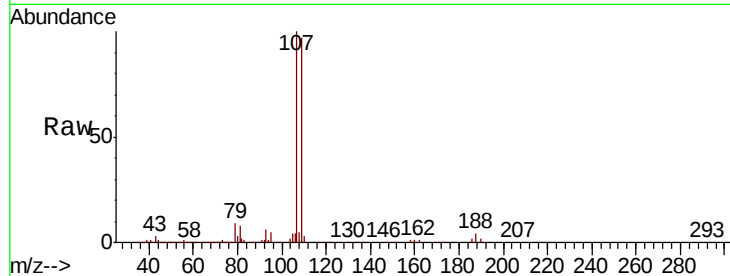
Ion Ratio Lower Upper

107 100

109 94.9 76.3 114.5

Manual Integrations
APPROVED

MMDadoda
12/10/2018 9:57:36 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

120000

100000

80000

60000

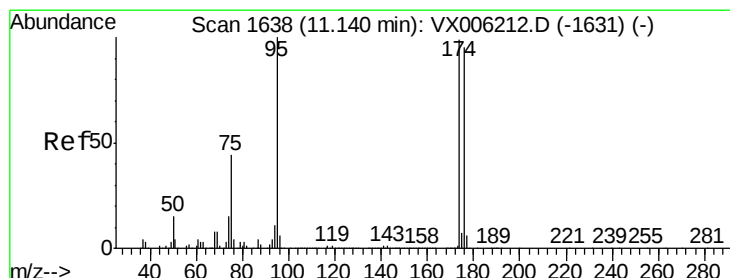
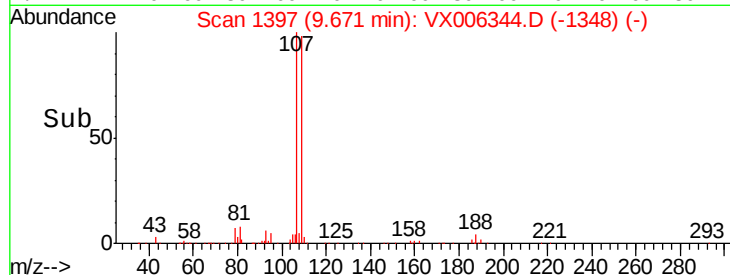
40000

20000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 49.047 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

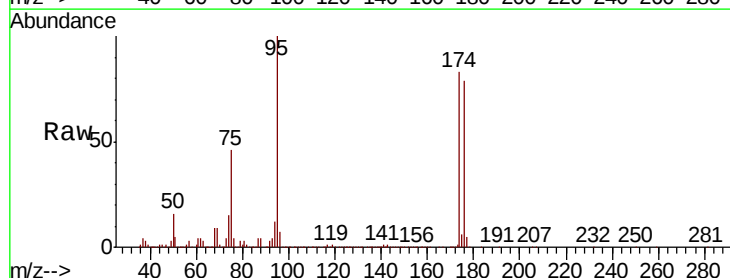
Tgt Ion: 95 Resp: 447728

Ion Ratio Lower Upper

95 100

174 91.1 0.0 187.0

176 87.2 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

300000

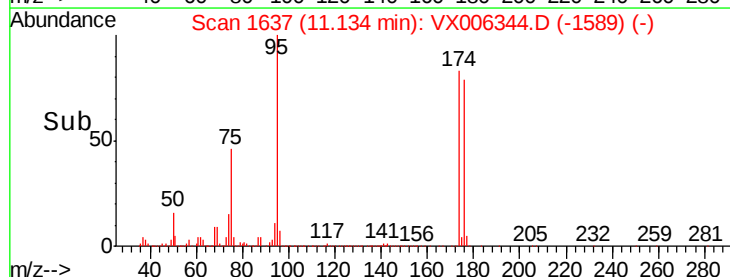
200000

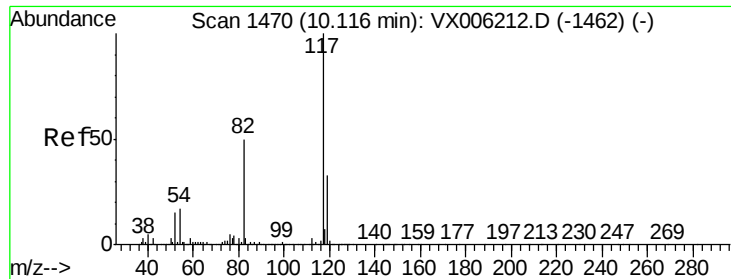
100000

0

11.10 11.20

Time-->





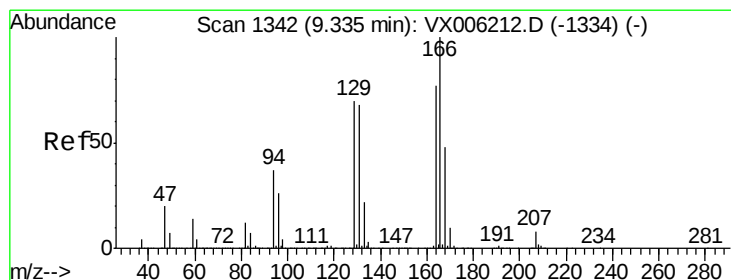
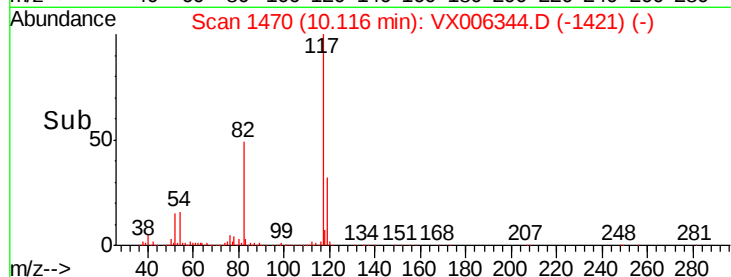
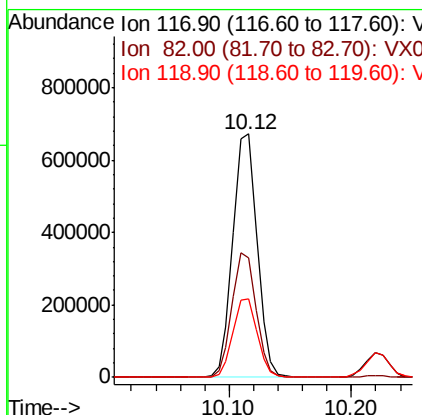
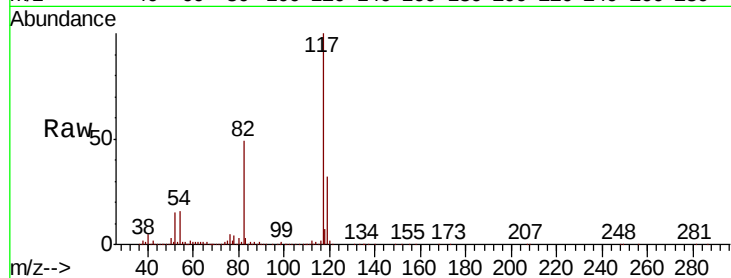
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	923389		
82	49.2	39.6	59.4	
119	32.4	26.3	39.5	

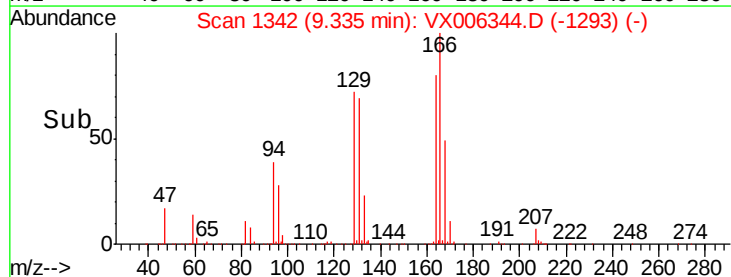
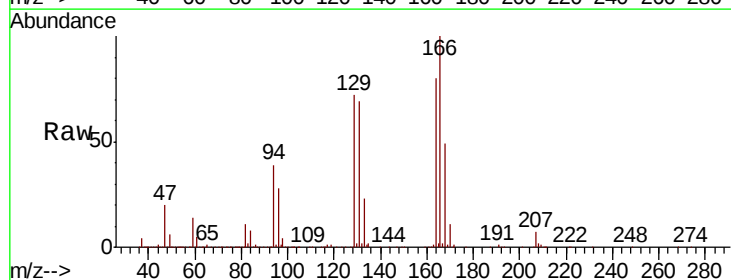
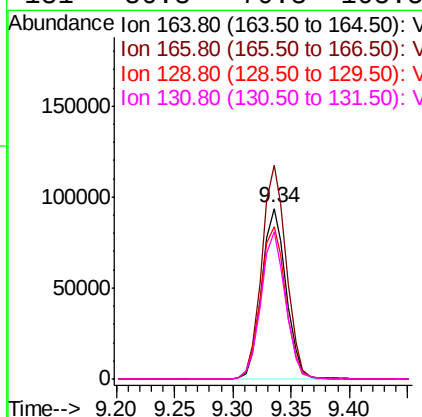
Manual Integrations
APPROVED

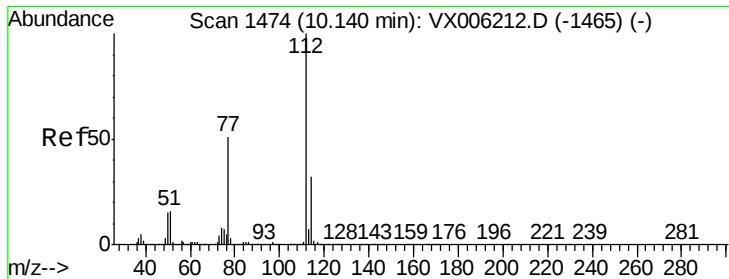
MMDadoda
12/10/2018 9:57:36 AM



#64
Tetrachloroethene
Concen: 19.571 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	136097		
166	125.1	104.2	156.2	
129	89.4	72.6	108.8	
131	86.3	70.3	105.5	





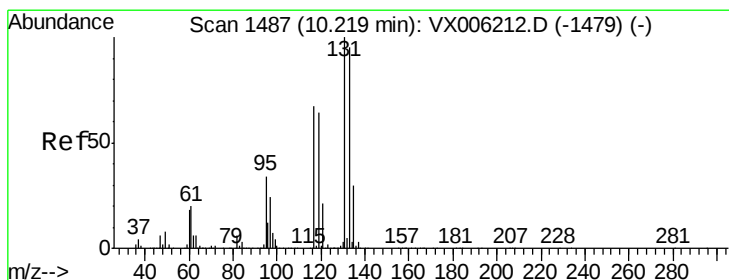
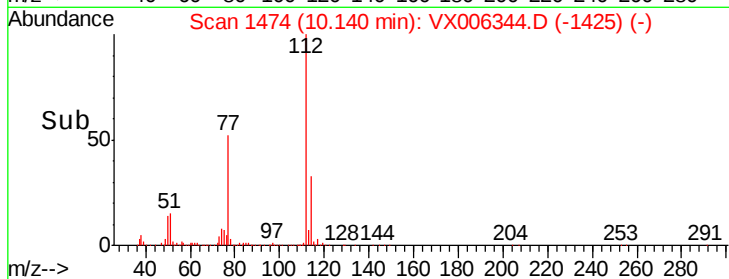
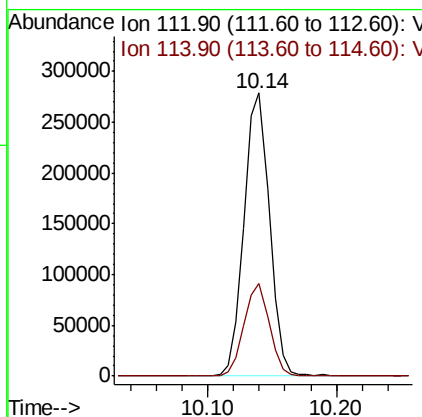
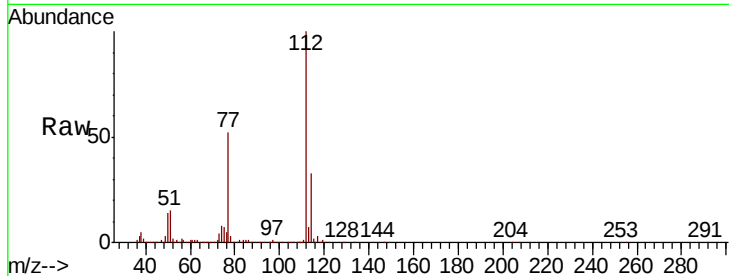
#65
Chlorobenzene
Concen: 19.376 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.4	38.2

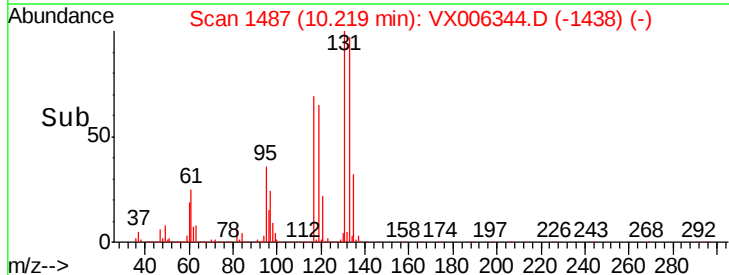
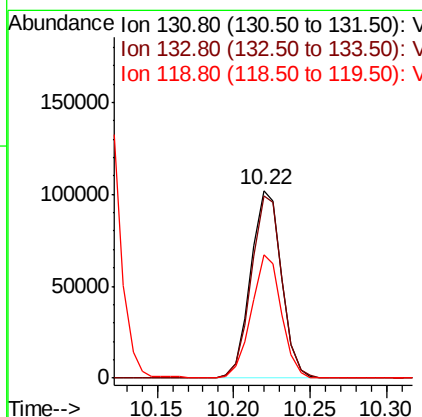
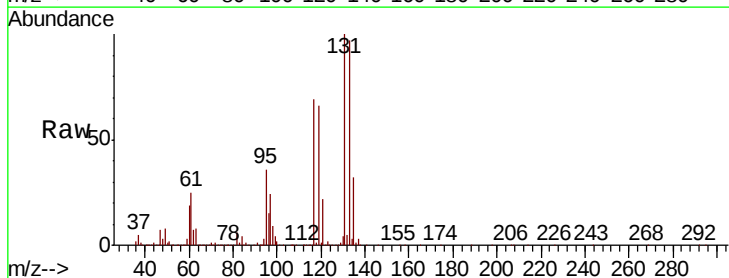
Manual Integrations
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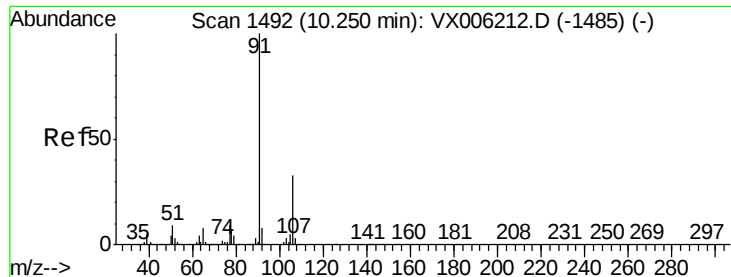
MMDadoda
12/10/2018 9:57:36 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.795 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.6	48.1	144.4
119	63.6	32.1	96.3





#67

Ethyl Benzene

Concen: 19.101 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBSD01

Tot Ion: 91 Resp: 622709

Ion Ratio Lower Upper

91 100

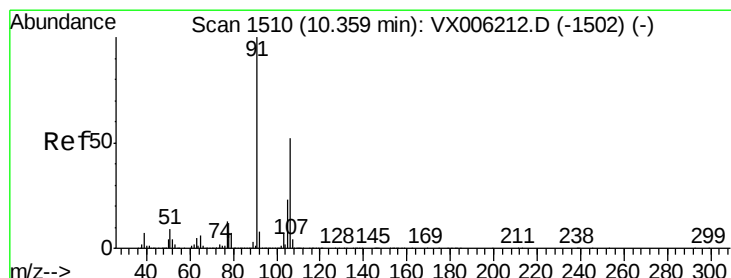
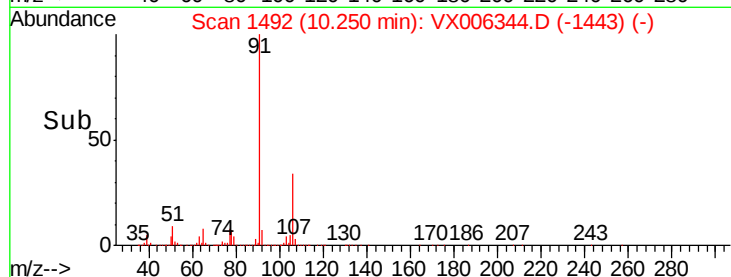
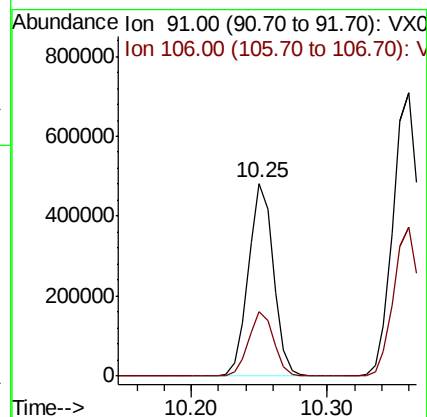
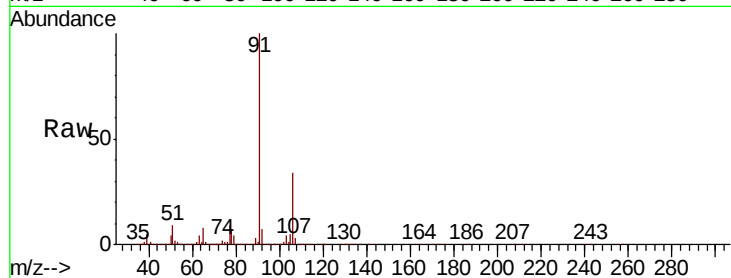
106 33.7 26.5 39.7

Manual Integrations

APPROVED

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12/10/2018 9:57:36 AM



#68

m/p-Xylenes

Concen: 38.197 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006344.D

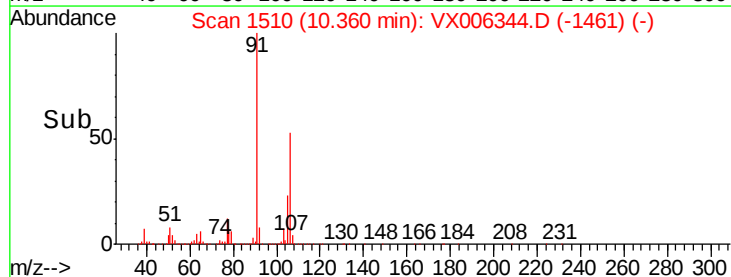
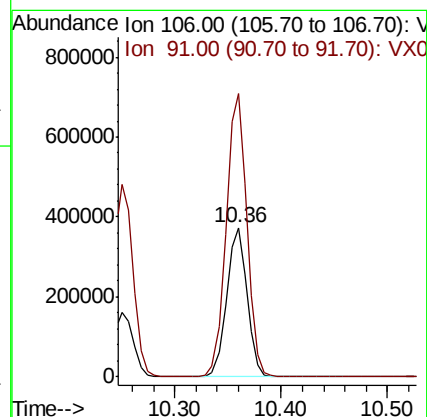
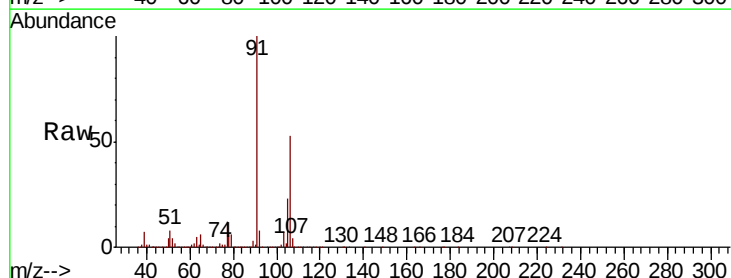
Acq: 07 Dec 2018 13:51

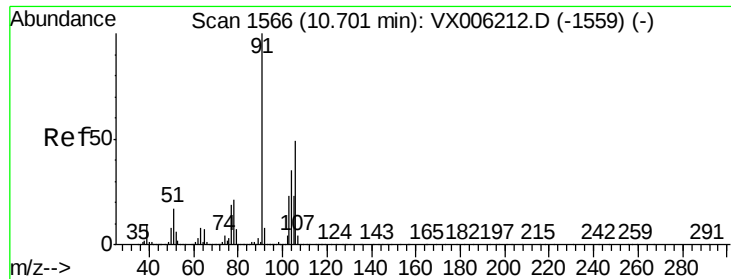
Tgt Ion: 106 Resp: 498816

Ion Ratio Lower Upper

106 100

91 191.9 155.2 232.8





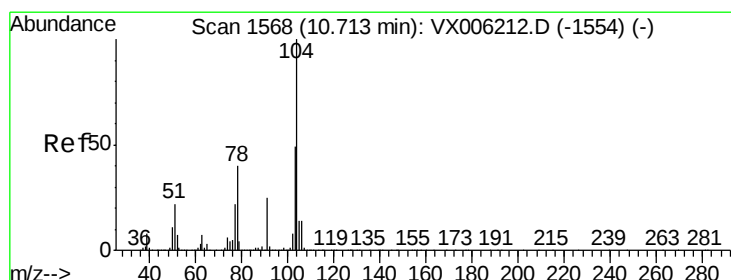
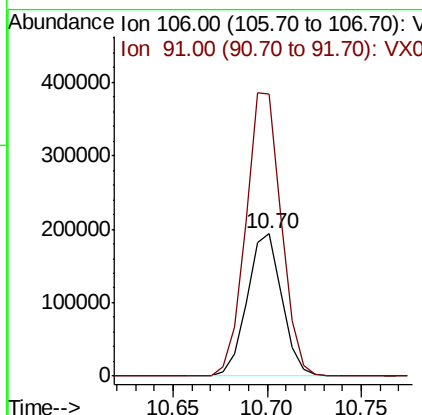
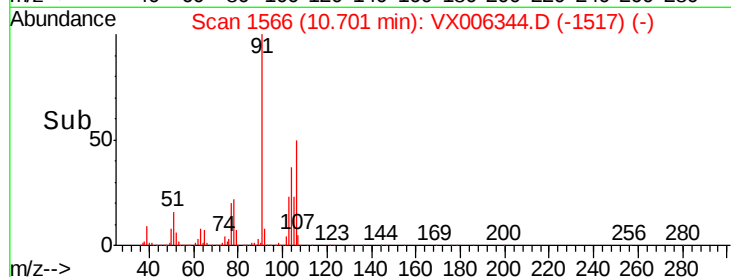
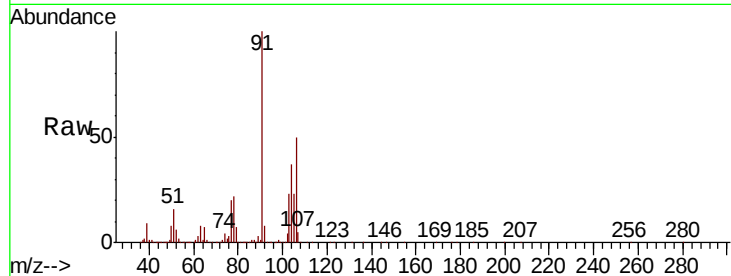
#69
o-Xylene
Concen: 19.199 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	203.3	101.8	305.6

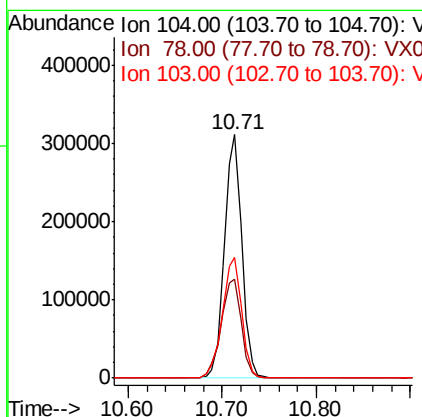
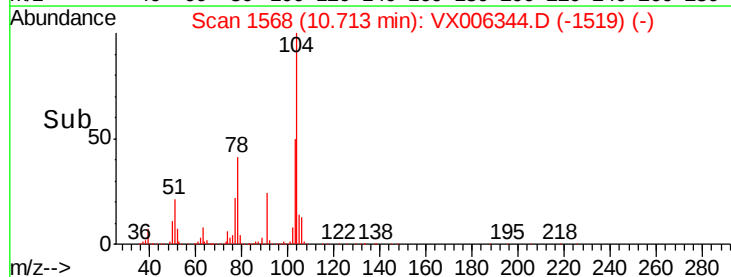
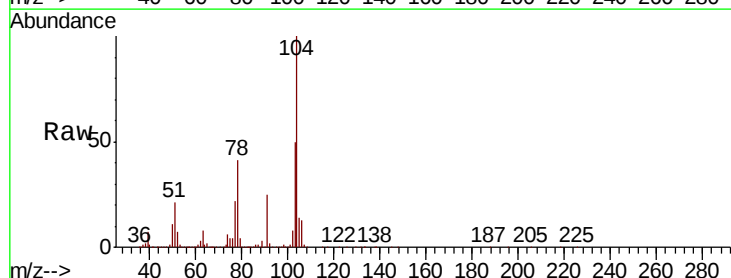
Manual Integrations
APPROVED

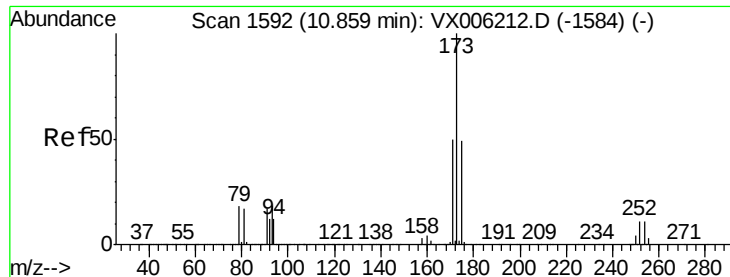
MMDadoda
12/10/2018 9:57:36 AM



#70
Styrene
Concen: 19.154 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.7	37.2	55.8
103	54.5	43.5	65.3





#71

Bromoform

Concen: 16.204 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBSD01

Tot Ion:173 Resp: 116498

Ion Ratio Lower Upper

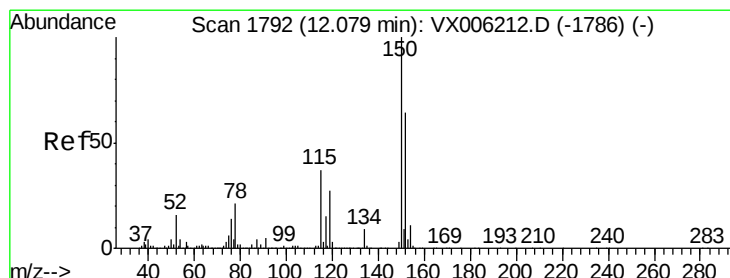
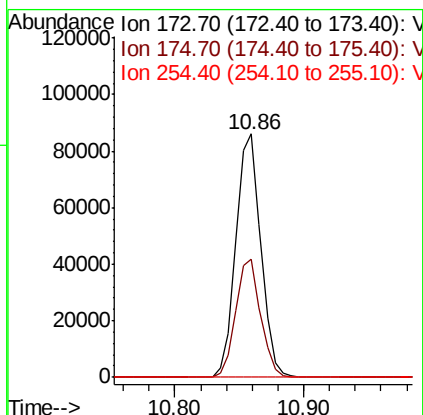
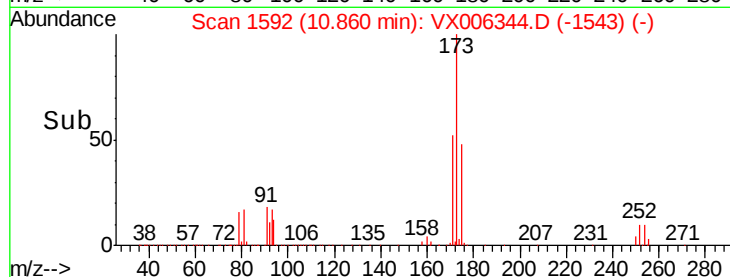
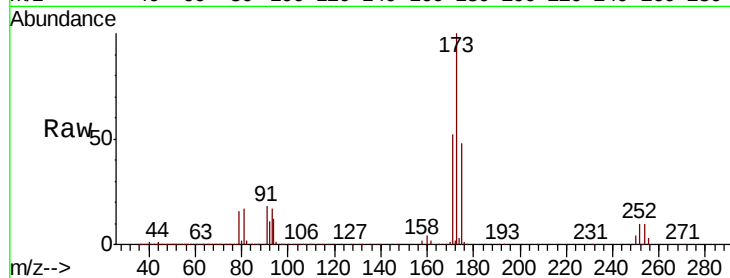
173 100

175 48.5 24.6 73.8

254 0.1 0.2 0.2#

Manual Integrations
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12/10/2018 9:57:36 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

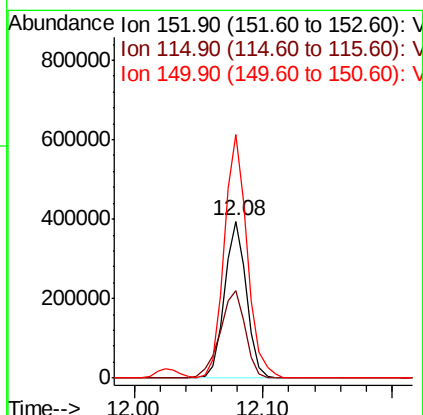
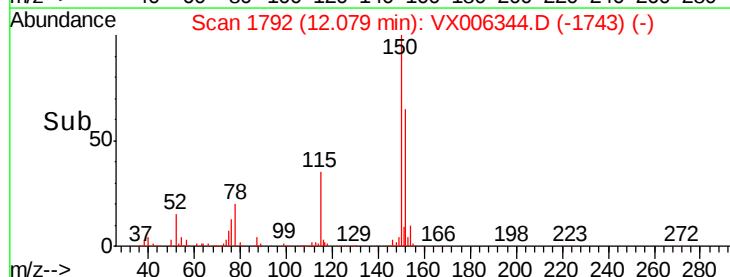
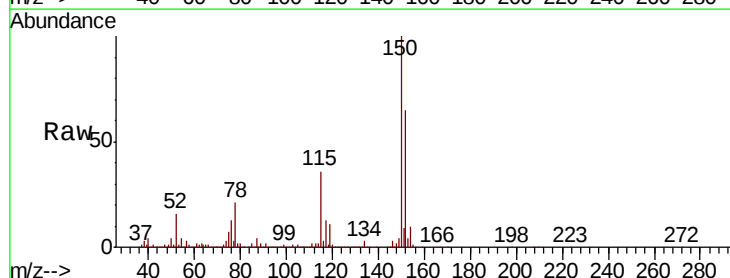
Tgt Ion:152 Resp: 471305

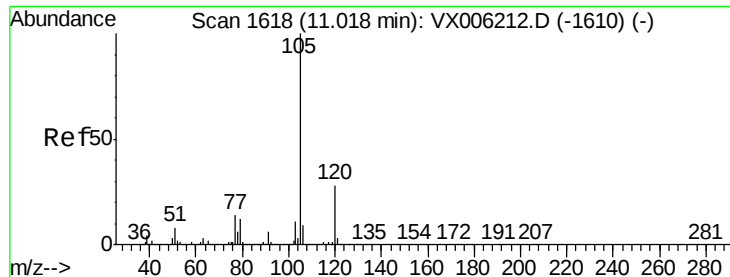
Ion Ratio Lower Upper

152 100

115 64.3 39.0 116.9

150 162.6 0.0 345.8





#73

Isopropylbenzene

Concen: 20.048 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBSD01

Tot Ion: 105 Resp: 652517

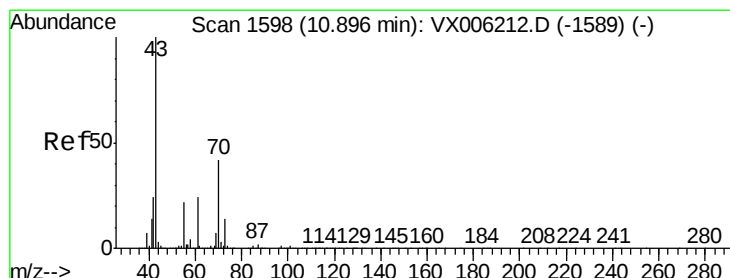
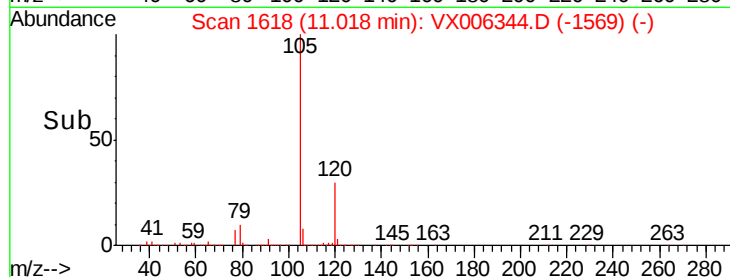
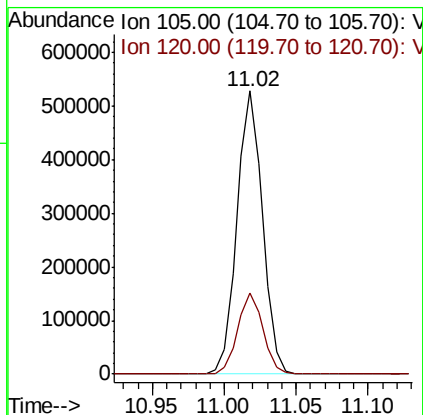
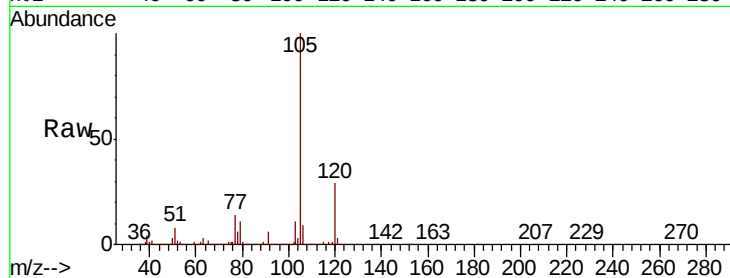
Ion Ratio Lower Upper

105 100

120 28.5 14.1 42.3

Manual Integrations
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12/10/2018 9:57:36 AM



#74

N-ethyl acetate

Concen: 18.081 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Tgt Ion: 43 Resp: 253413

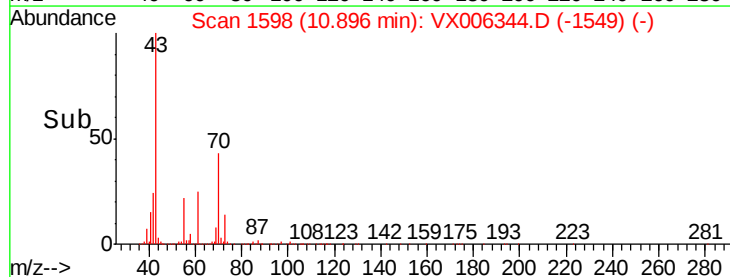
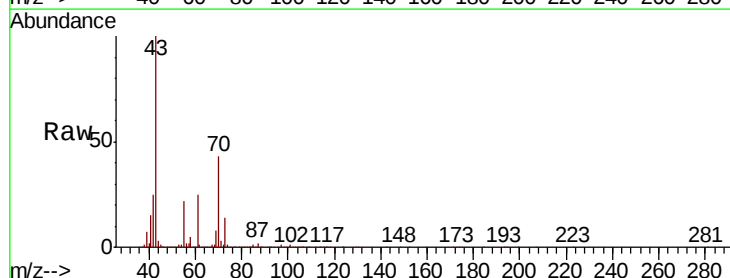
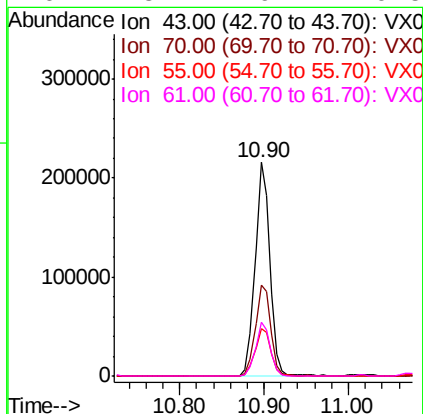
Ion Ratio Lower Upper

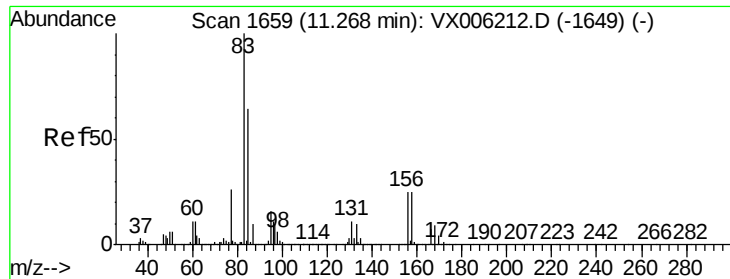
43 100

70 44.6 34.1 51.1

55 23.8 17.8 26.8

61 25.1 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.863 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBSD01

Tot Ion: 83 Resp: 206831

Ion Ratio Lower Upper

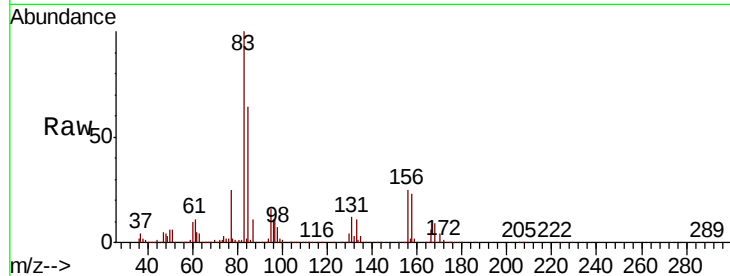
83 100

131 11.2 5.7 17.1

85 64.3 32.1 96.5

Manual Integrations
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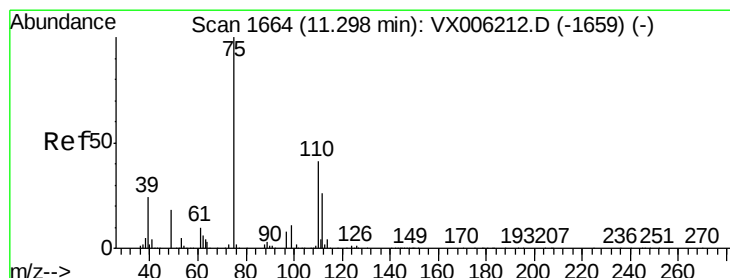
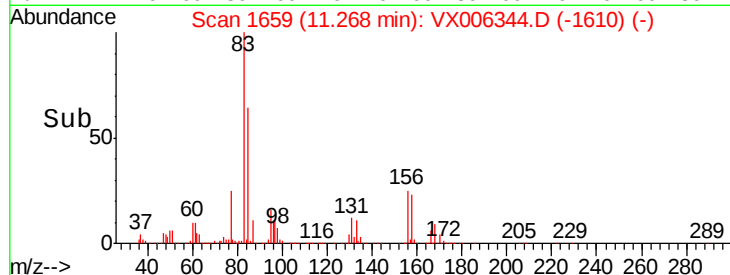
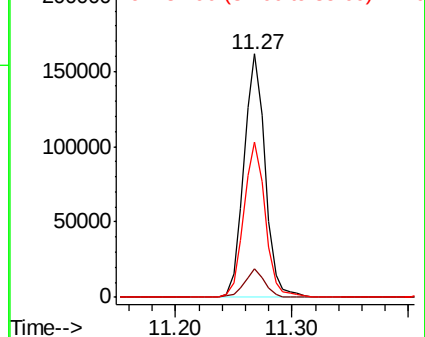
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.296 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006344.D

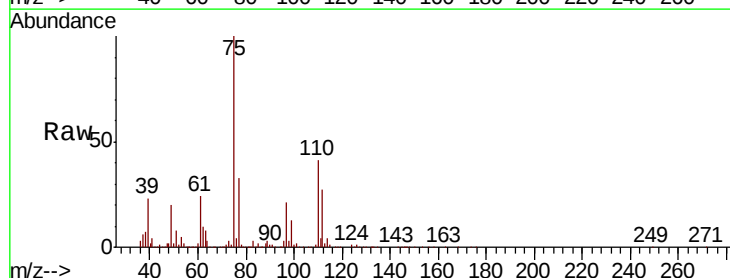
Acq: 07 Dec 2018 13:51

Tgt Ion: 75 Resp: 193729

Ion Ratio Lower Upper

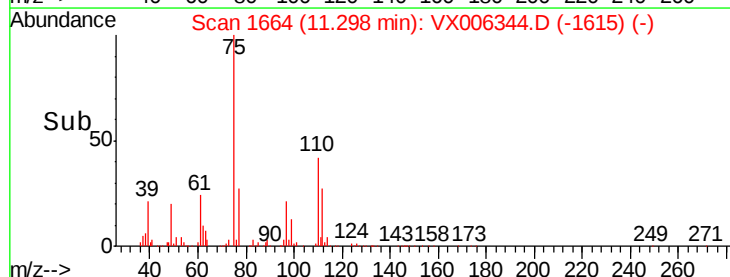
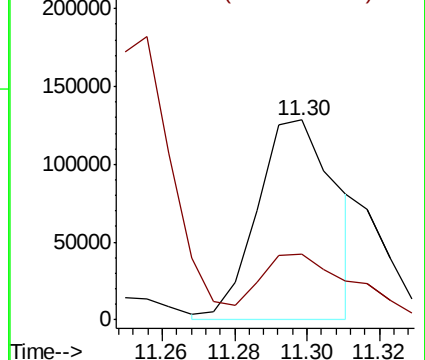
75 100

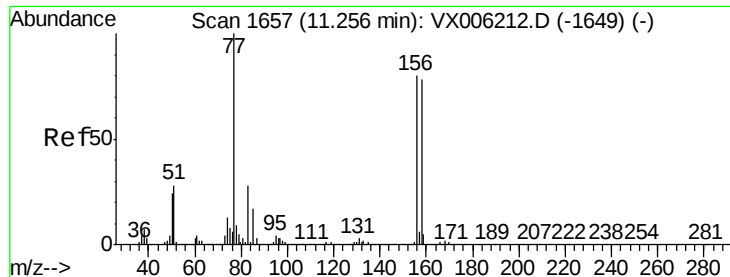
77 38.9 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.694 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBSD01

Tot Ion:156 Resp: 177889

Ion Ratio Lower Upper

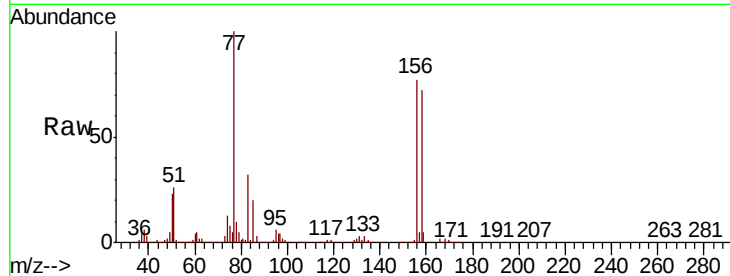
156 100

77 135.0 66.2 198.6

158 96.0 48.8 146.4

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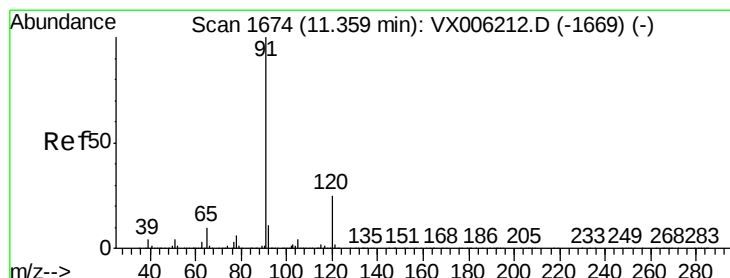
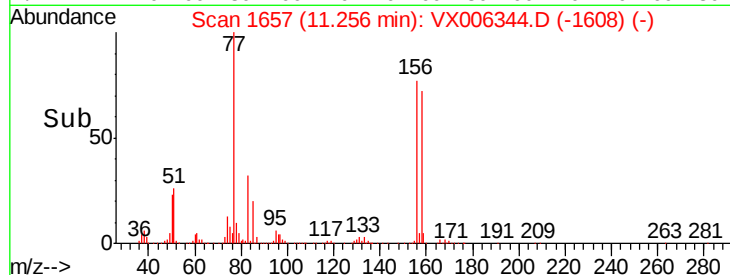
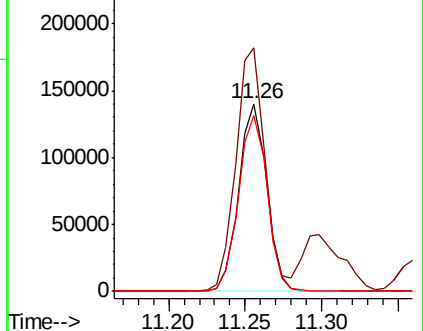
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.514 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006344.D

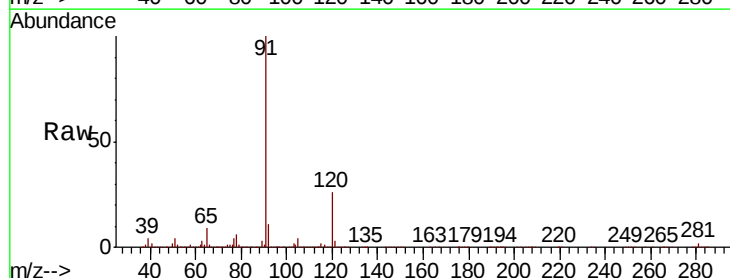
Acq: 07 Dec 2018 13:51

Tgt Ion: 91 Resp: 706020

Ion Ratio Lower Upper

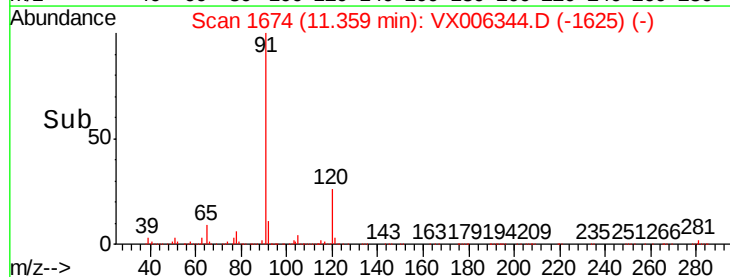
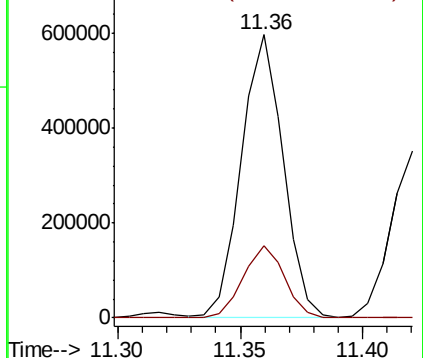
91 100

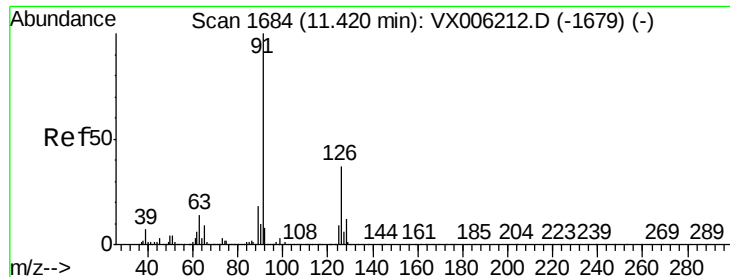
120 25.5 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.930 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBSD01

Tot Ion: 91 Resp: 428576

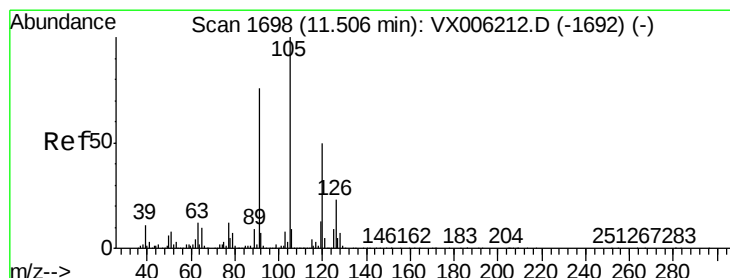
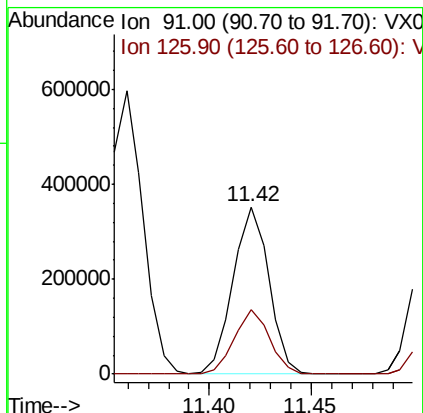
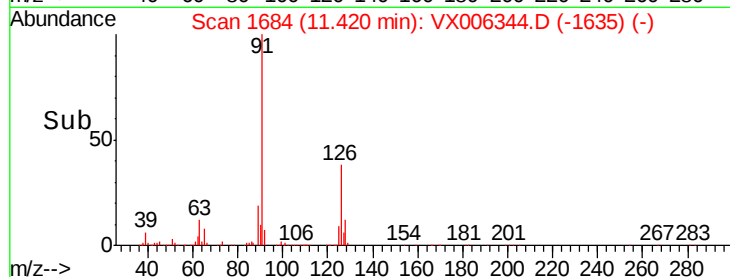
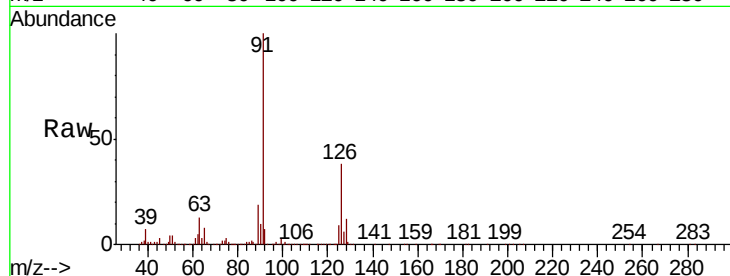
Ion Ratio Lower Upper

91 100

126 37.8 18.6 56.0

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 19.819 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006344.D

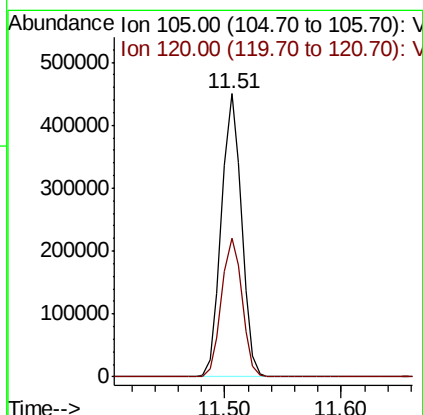
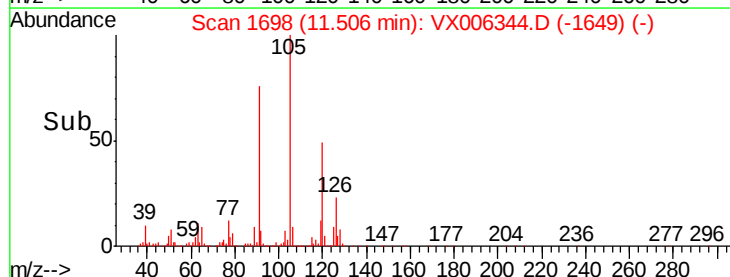
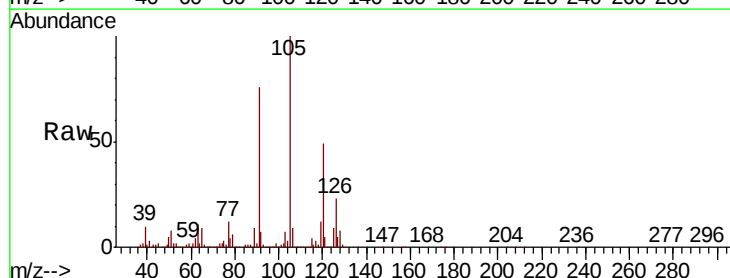
Acq: 07 Dec 2018 13:51

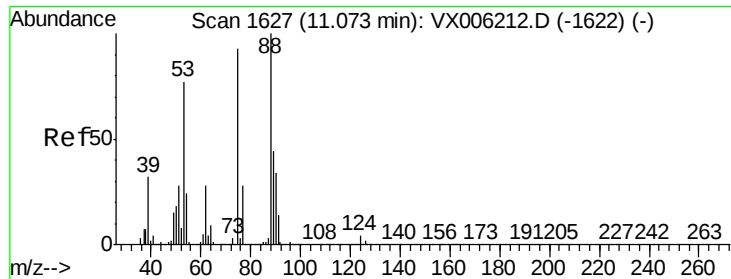
Tgt Ion: 105 Resp: 536702

Ion Ratio Lower Upper

105 100

120 50.2 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 16.596 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

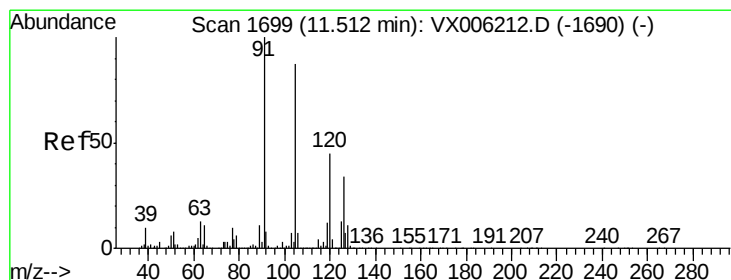
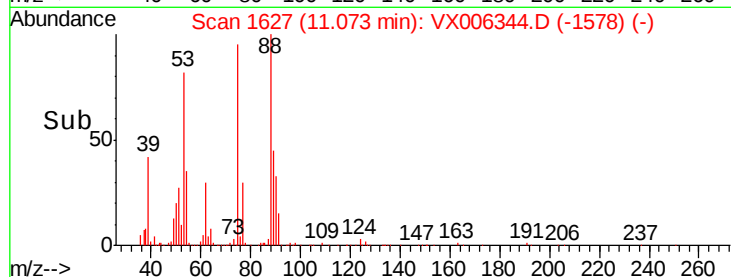
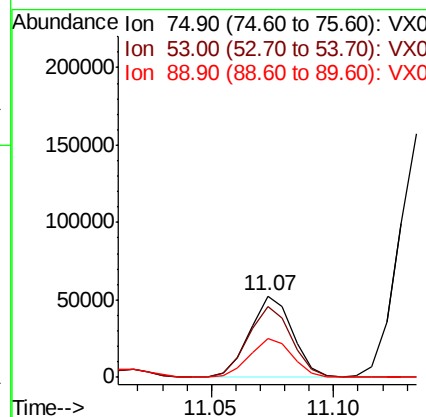
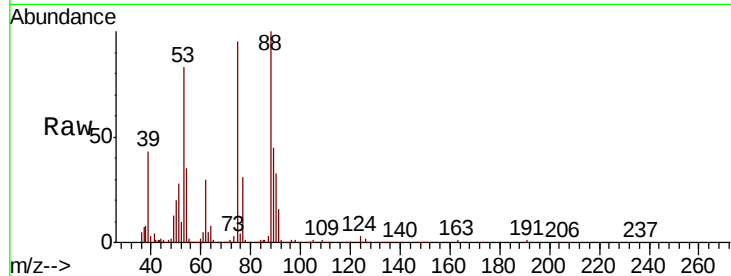
ClientSampleId :

VX1207WBSD01

Tot Ion:	75	Resp:	64334
Ion	Ratio	Lower	Upper
75	100		
53	87.8	64.4	96.6
89	47.9	44.2	66.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.258 ug/l

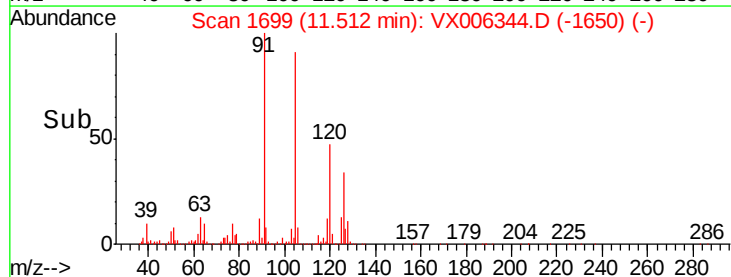
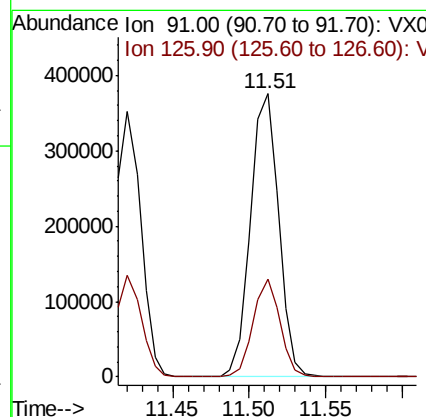
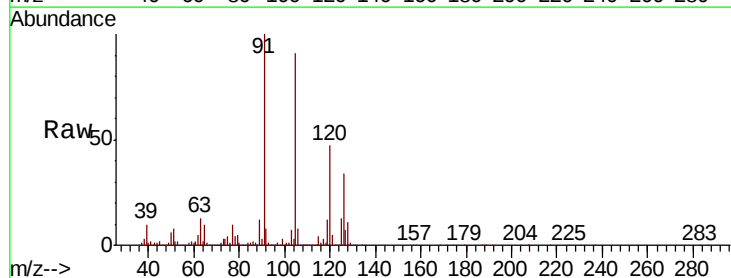
RT: 11.51 min Scan# 1699

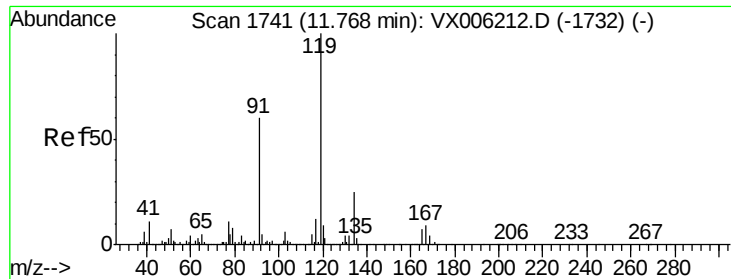
Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Tgt Ion:	91	Resp:	481488
Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.4	49.4





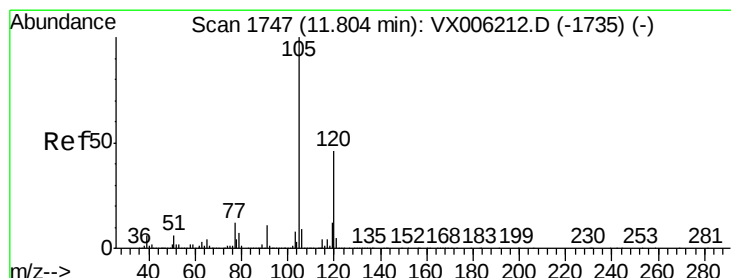
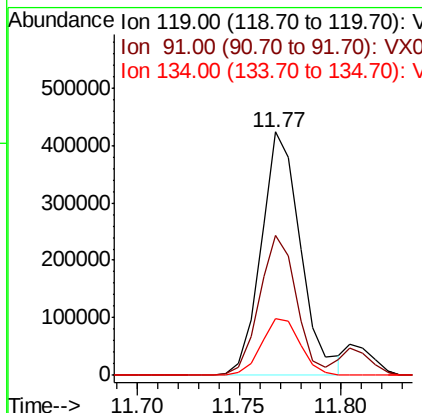
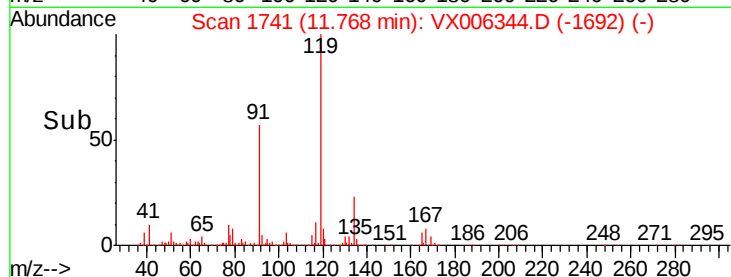
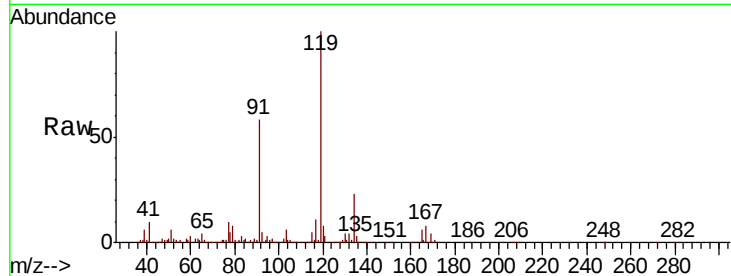
#83
 tert-Butylbenzene
 Concen: 19.655 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.1	26.4	79.2
134	23.2	11.6	34.7

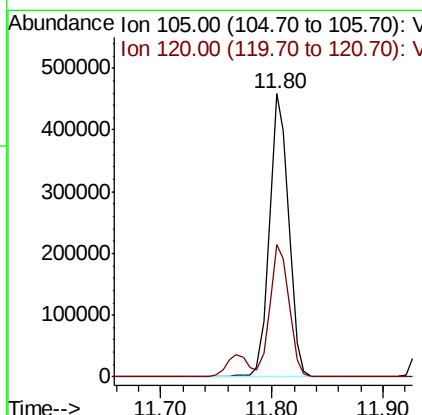
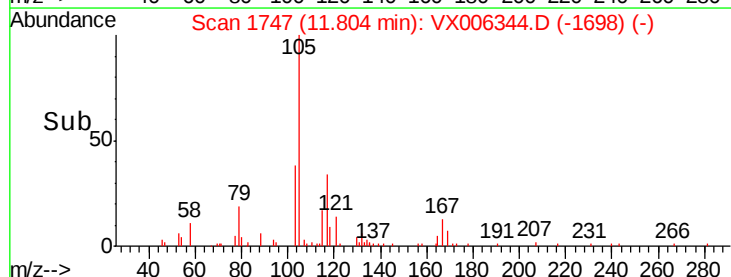
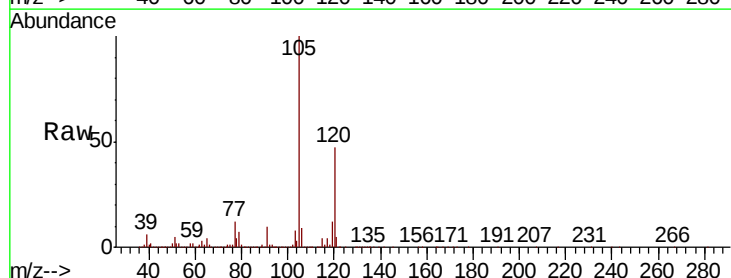
Manual Integrations
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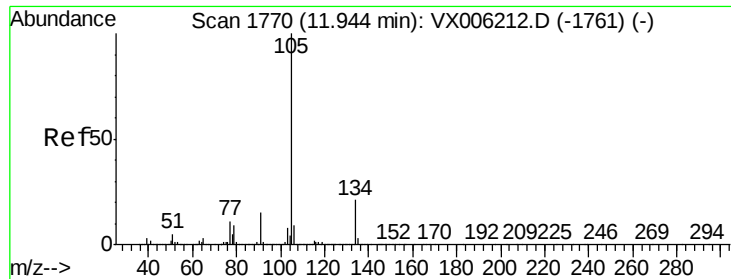
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.835 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.4	70.0





#85

sec-Butylbenzene

Concen: 19.793 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBSD01

Tot Ion:105 Resp: 650619

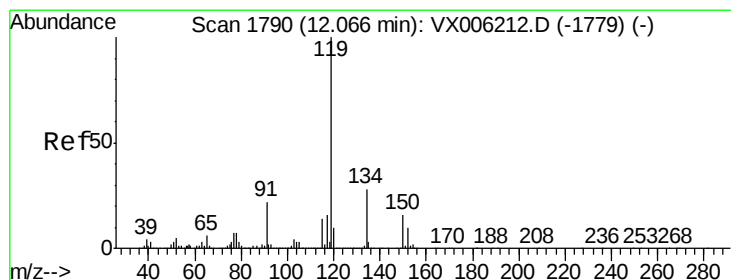
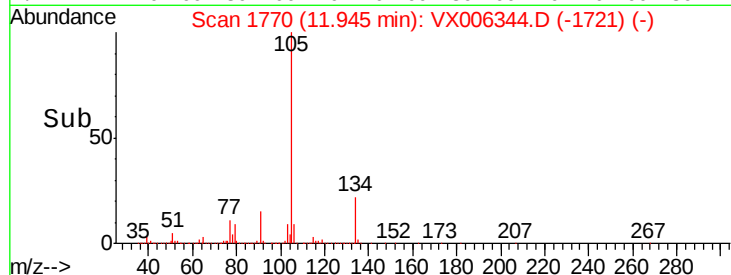
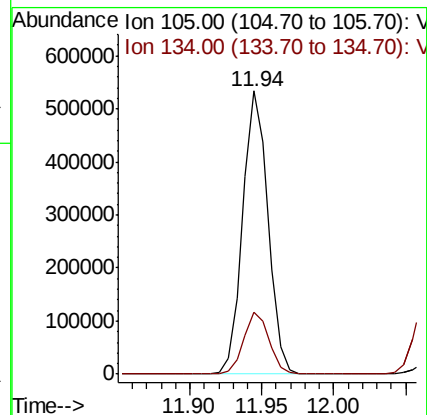
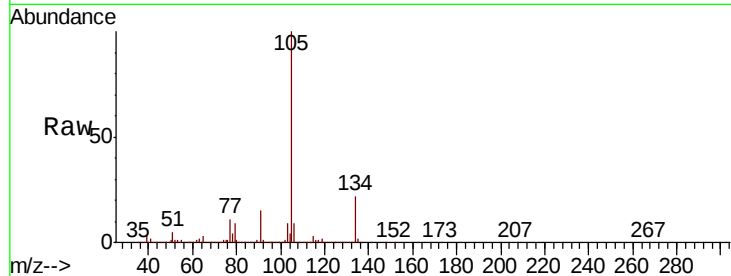
Ion Ratio Lower Upper

105 100

134 22.0 10.8 32.4

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 19.390 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006344.D

Acq: 07 Dec 2018 13:51

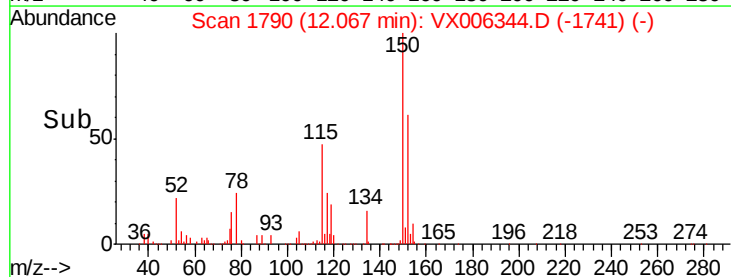
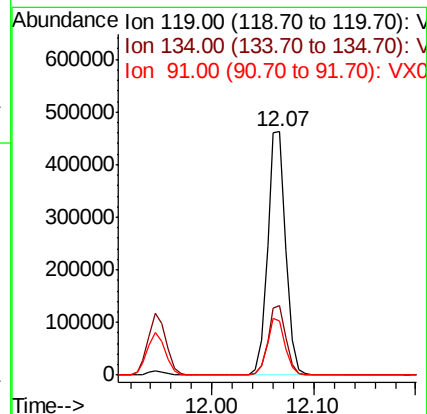
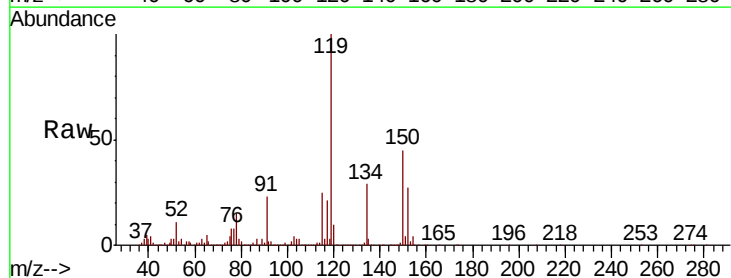
Tgt Ion:119 Resp: 573919

Ion Ratio Lower Upper

119 100

134 28.3 13.9 41.6

91 23.1 11.3 33.8





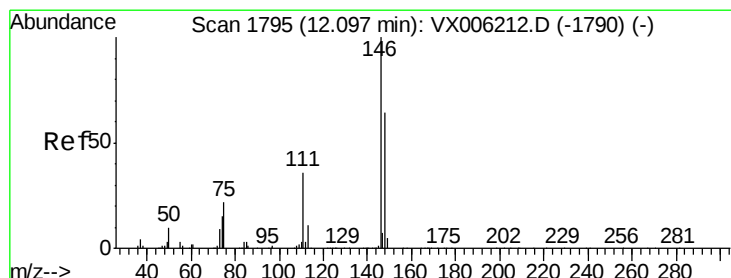
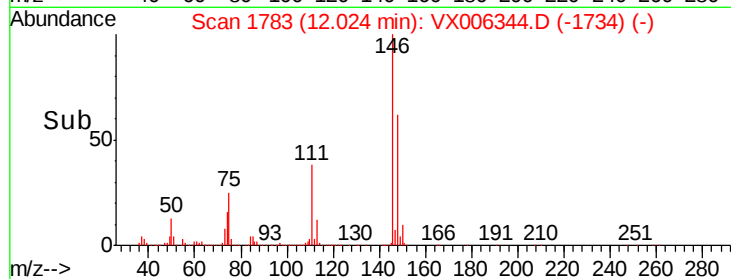
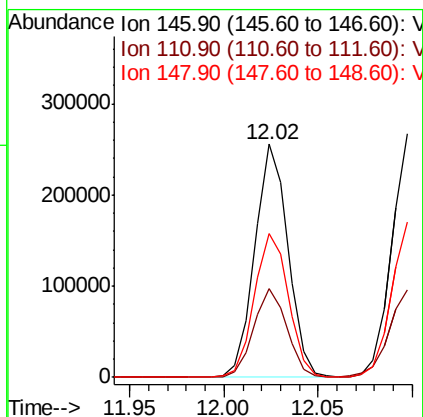
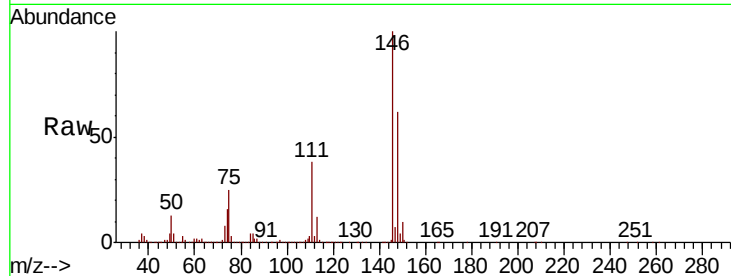
#87
 1,3-Dichlorobenzene
 Concen: 19.386 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.4	55.2
148	63.7	32.0	96.0

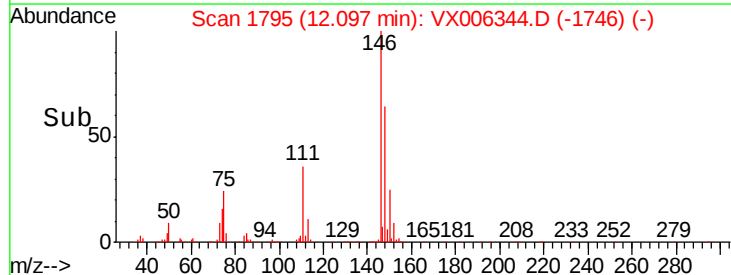
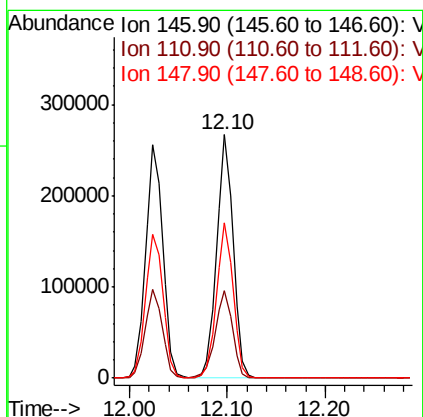
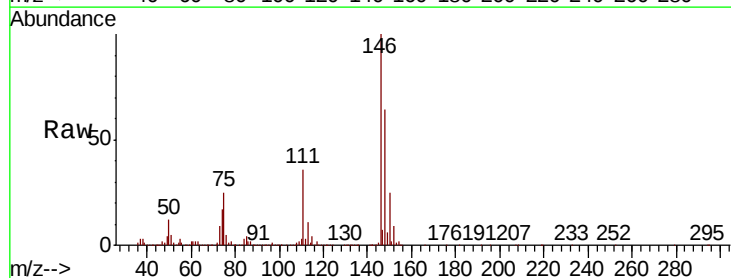
Manual Integrations
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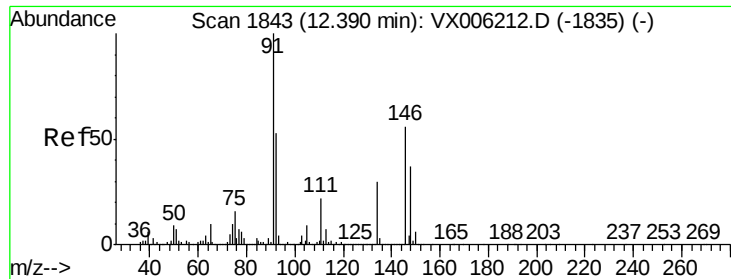
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#88
 1,4-Dichlorobenzene
 Concen: 19.190 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.3	54.8
148	63.7	31.9	95.9





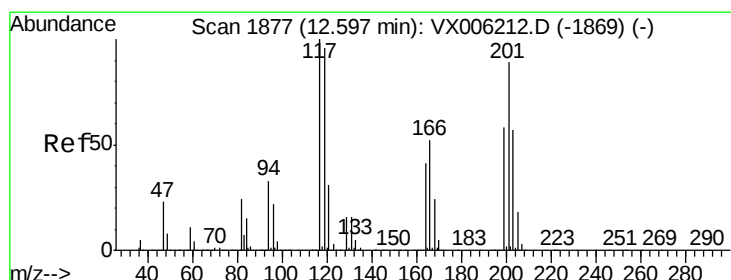
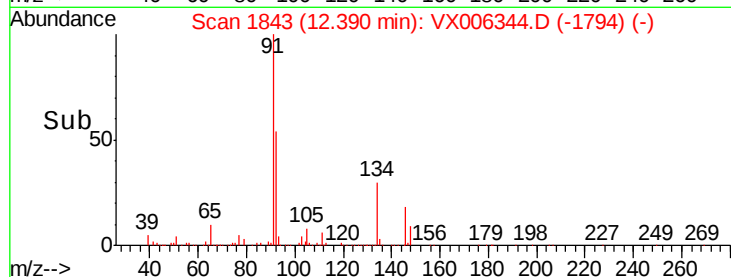
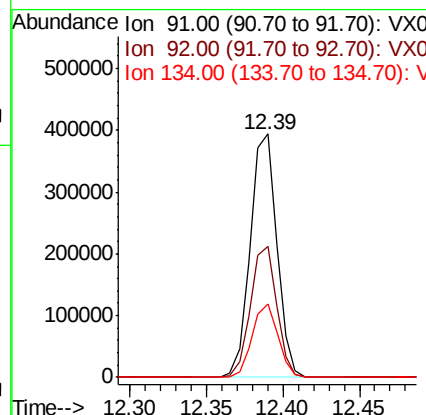
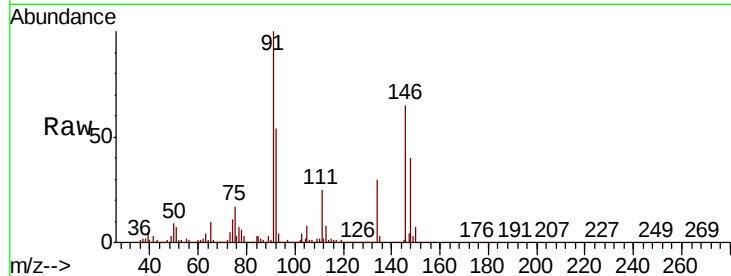
#89
n-Butylbenzene
Concen: 18.819 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.6	79.8
134	29.4	14.8	44.3

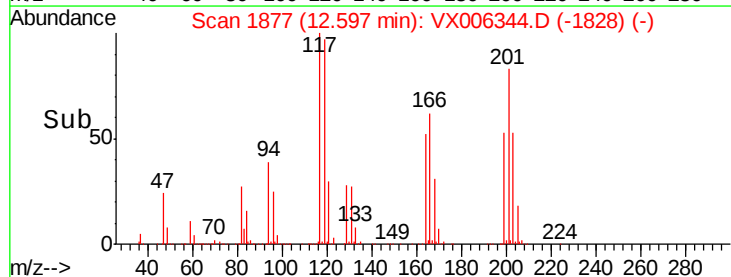
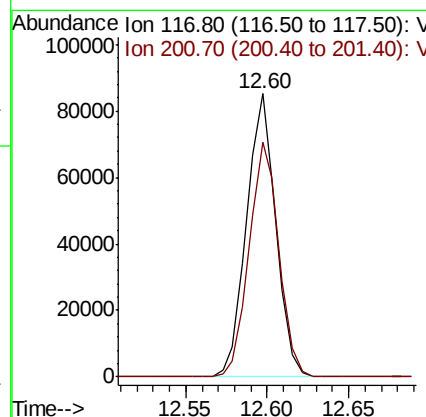
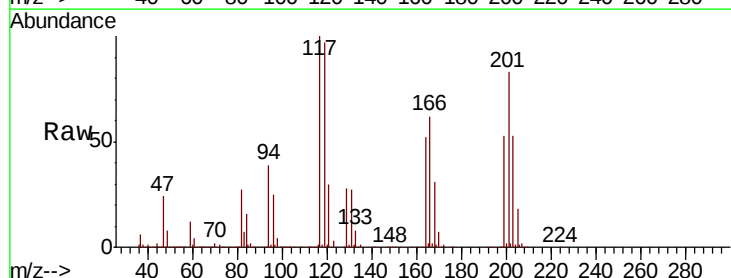
Manual Integrations
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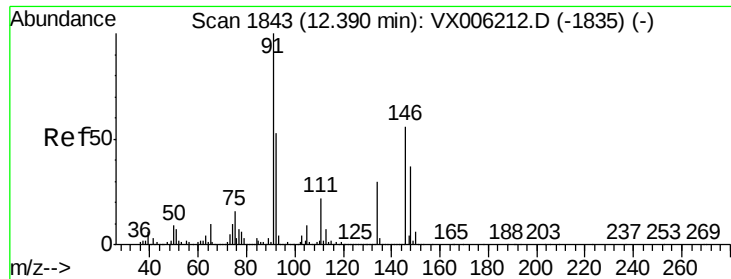
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#90
Hexachloroethane
Concen: 17.691 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.1	44.7	134.1





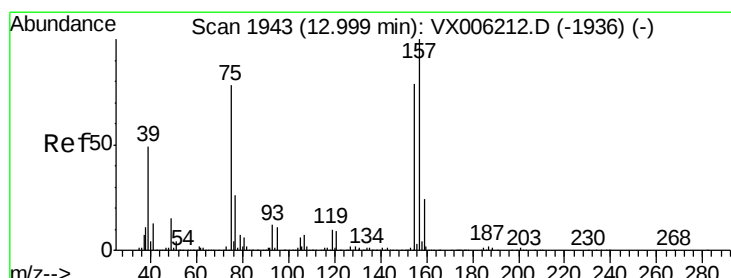
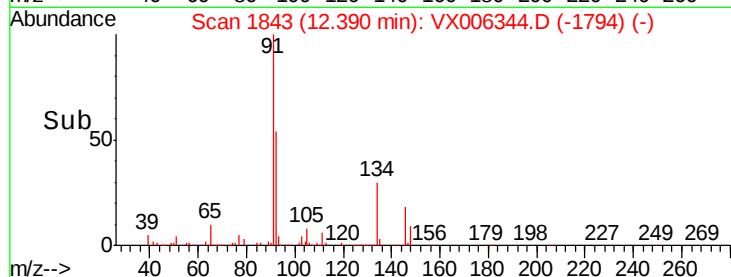
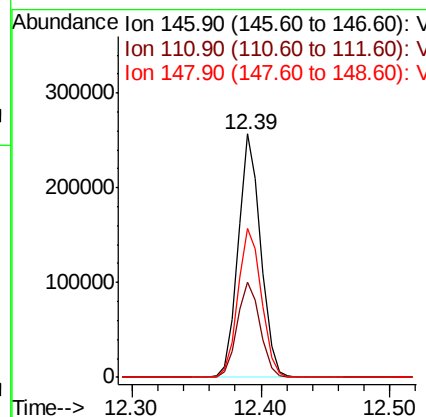
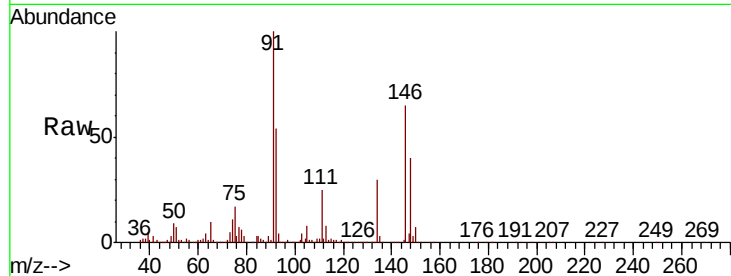
#91
 1,2-Dichlorobenzene
 Concen: 19.620 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	312958		
111	39.6	19.1	57.3	
148	63.9	32.1	96.3	

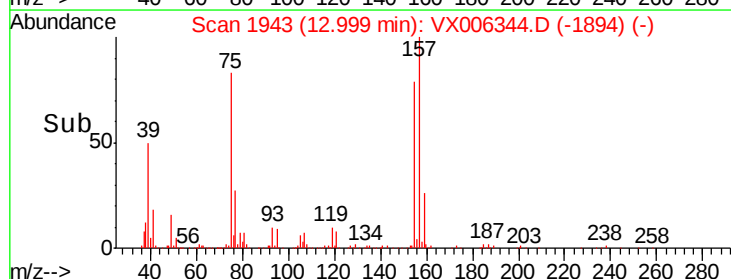
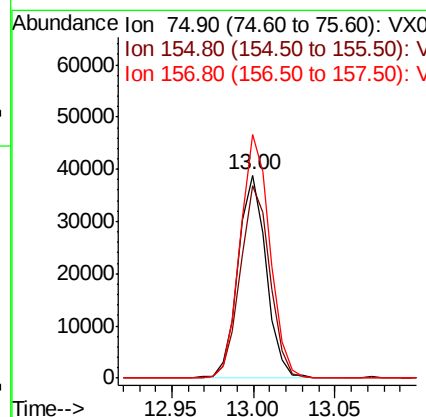
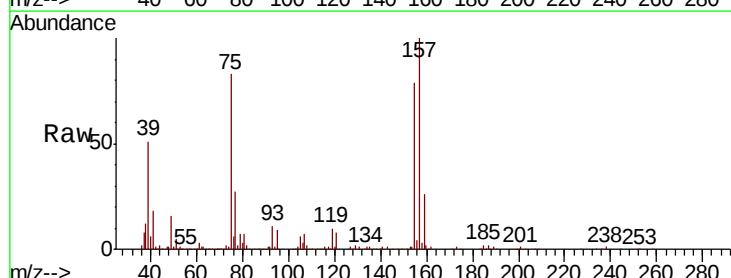
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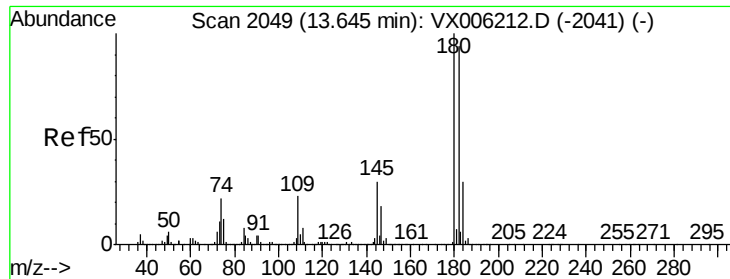
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.525 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	46778		
155	99.6	53.4	160.3	
157	126.3	68.0	203.8	





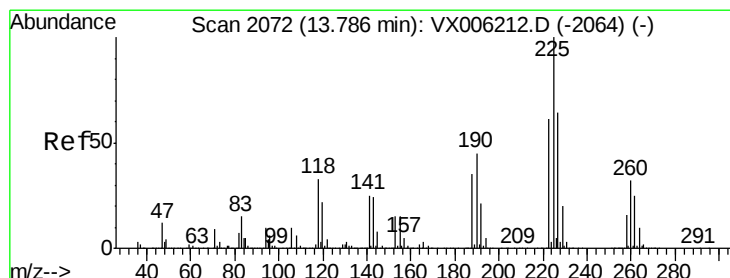
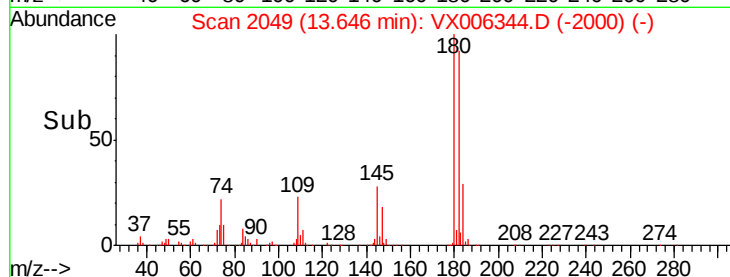
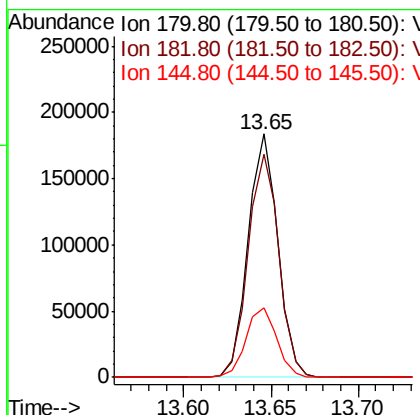
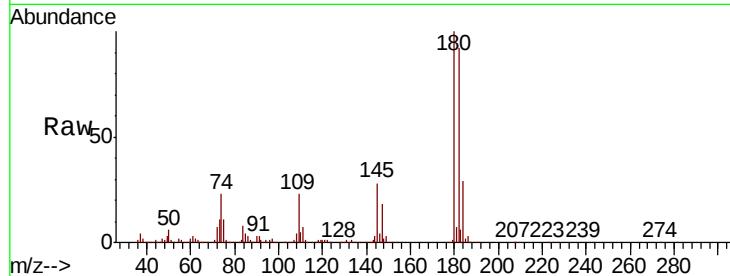
#93
 1,2,4-Trichlorobenzene
 Concen: 18.669 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	217260		
182	94.4	47.3	141.9	
145	29.6	14.6	43.8	

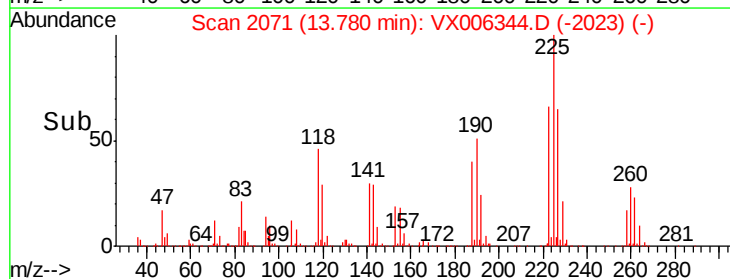
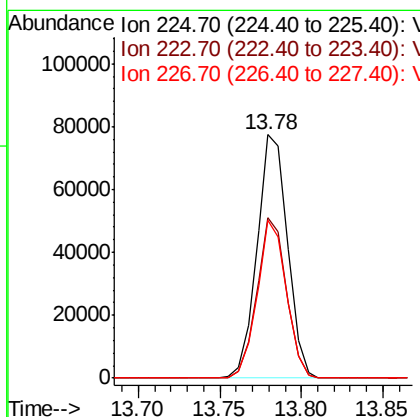
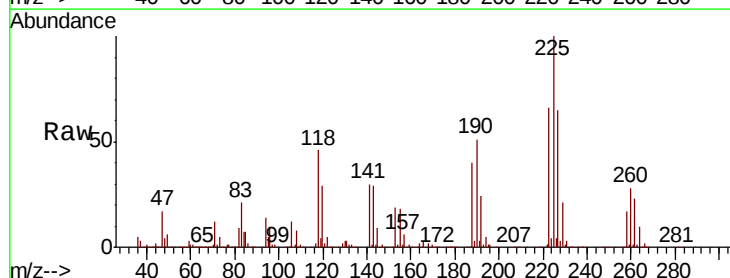
Manual Integrations
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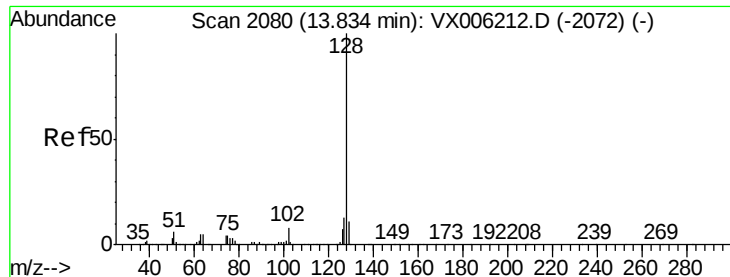
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#94
 Hexachlorobutadiene
 Concen: 19.445 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006344.D
 Acq: 07 Dec 2018 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	100072		
223	63.8	31.2	93.6	
227	62.4	31.9	95.5	





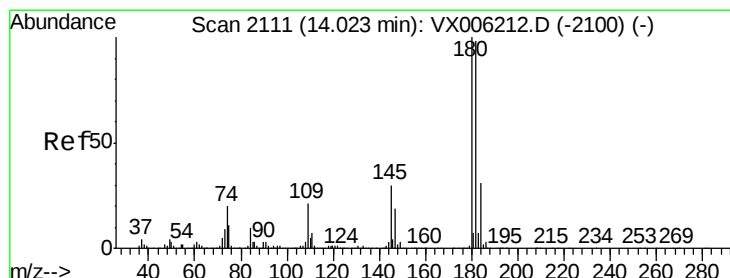
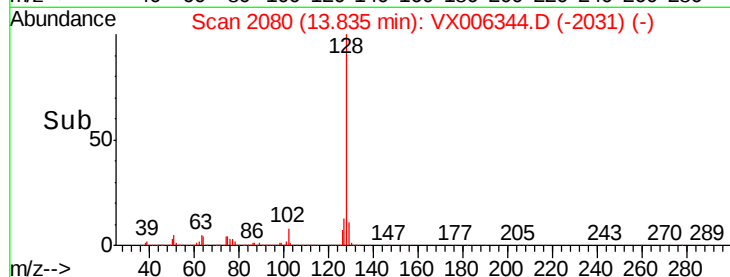
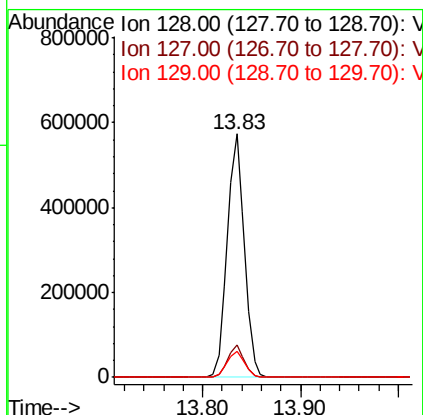
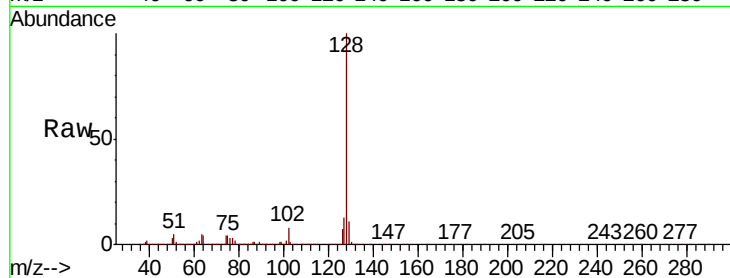
#95
Naphthalene
Concen: 19.259 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.9	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.329 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006344.D
Acq: 07 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	48.4	145.2
145	31.1	15.6	46.8

