

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120318\
 Data File : VX006255.D
 Acq On : 03 Dec 2018 16:04
 Operator : JC/MD
 Sample : VX1203WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/4/2018 9:58:48 AM

Quant Time: Dec 04 06:01:15 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	720156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1108309	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	988674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	502914	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	365535	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
35) Dibromofluoromethane	5.50	113	349562	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
50) Toluene-d8	8.71	98	1248758	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
62) 4-Bromofluorobenzene	11.14	95	465408	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	151391	21.470	ug/l	99
3) Chloromethane	1.33	50	137989	19.043	ug/l	97
4) Vinyl Chloride	1.41	62	159502	20.452	ug/l	98
5) Bromomethane	1.64	94	112149	20.750	ug/l	99
6) Chloroethane	1.73	64	100846	21.090	ug/l	100
7) Trichlorofluoromethane	1.93	101	244135	20.393	ug/l	95
8) Diethyl Ether	2.19	74	91352	20.163	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	138783	20.388	ug/l	99
10) Methyl Iodide	2.51	142	204292	19.914	ug/l	99
11) Tert butyl alcohol	3.07	59	199857	99.406	ug/l	98
12) 1,1-Dichloroethene	2.38	96	129108	19.813	ug/l	94
13) Acrolein	2.30	56	92924	84.563	ug/l	100
14) Allyl chloride	2.73	41	252686	19.630	ug/l	99
15) Acrylonitrile	3.15	53	422693	100.751	ug/l	100
16) Acetone	2.45	43	359471	104.192	ug/l	100
17) Carbon Disulfide	2.57	76	387228	19.284	ug/l	99
18) Methyl Acetate	2.78	43	236378	20.487	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	471781	20.295	ug/l	100
20) Methylene Chloride	2.86	84	144697	19.707	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	139653	20.110	ug/l	95
22) Diisopropyl ether	3.87	45	409852	20.384	ug/l	98
23) Vinyl Acetate	3.82	43	1759834	102.620	ug/l	99
24) 1,1-Dichloroethane	3.70	63	237479	20.664	ug/l	99
25) 2-Butanone	4.70	43	507342	103.060	ug/l	100
26) 2,2-Dichloropropane	4.59	77	195649	18.447	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	161330	20.828	ug/l	97
28) Bromochloromethane	5.02	49	91983	18.324	ug/l	98
29) Tetrahydrofuran	5.16	42	345268	100.917	ug/l	99
30) Chloroform	5.22	83	250555	20.747	ug/l	96
31) Cyclohexane	5.58	56	214688	20.214	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	234843	20.437	ug/l	99
36) 1,1-Dichloropropene	5.80	75	177408	19.008	ug/l	97
37) Ethyl Acetate	4.85	43	203174	19.439	ug/l	98
38) Carbon Tetrachloride	5.79	117	215239	19.603	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	232141	19.162	ug/l	99
40) Benzene	6.15	78	556098	19.894	ug/l	98
41) Methacrylonitrile	5.06	41	110099	19.144	ug/l	99
42) 1,2-Dichloroethane	6.20	62	186242	20.357	ug/l	100
43) Isopropyl Acetate	6.46	43	330017	18.938	ug/l	99
44) Trichloroethene	7.21	130	166258	19.633	ug/l	94
45) 1,2-Dichloropropane	7.52	63	140788	19.817	ug/l	99
46) Dibromomethane	7.66	93	100619	19.610	ug/l	100
47) Bromodichloromethane	7.90	83	199702	20.098	ug/l	98
48) Methyl methacrylate	7.77	41	162641	19.185	ug/l	100
49) 1,4-Dioxane	7.75	88	80516	385.346	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	992145	97.800	ug/l	98
52) Toluene	8.79	92	366157	19.910	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	220102	18.941	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	231222	19.162	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	153413	20.534	ug/l	98
56) Ethyl methacrylate	9.18	69	228610	19.573	ug/l	98
57) 1,3-Dichloropropane	9.37	76	236515	20.019	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	584002	98.532	ug/l	99
59) 2-Hexanone	9.49	43	750136	96.786	ug/l	100
60) Dibromochloromethane	9.59	129	178214	19.344	ug/l	99
61) 1,2-Dibromoethane	9.67	107	164843	19.732	ug/l	99
64) Tetrachloroethene	9.34	164	153237	20.581	ug/l	97
65) Chlorobenzene	10.14	112	422584	20.135	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	165373	20.280	ug/l	99
67) Ethyl Benzene	10.25	91	687064	19.683	ug/l	99
68) m/p-Xylenes	10.36	106	545446	39.009	ug/l	100
69) o-Xylene	10.70	106	274674	19.888	ug/l	100
70) Styrene	10.71	104	435674	19.504	ug/l	99
71) Bromoform	10.86	173	145852	18.948	ug/l	100
73) Isopropylbenzene	11.02	105	716858	20.640	ug/l	100
74) N-amyl acetate	10.90	43	292847	19.581	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	232095	20.889	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	215110m	22.160	ug/l	
77) Bromobenzene	11.26	156	195628	20.297	ug/l	99
78) n-propylbenzene	11.36	91	772315	20.005	ug/l	99
79) 2-Chlorotoluene	11.42	91	470138	20.489	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	581796	20.134	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	77930	18.840	ug/l	92
82) 4-Chlorotoluene	11.51	91	531207	19.911	ug/l	99
83) tert-Butylbenzene	11.77	119	626384	20.316	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	598201	20.048	ug/l	100
85) sec-Butylbenzene	11.94	105	710425	20.254	ug/l	100
86) p-Isopropyltoluene	12.07	119	636348	20.148	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	342052	19.945	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	337232	19.373	ug/l	98
89) n-Butylbenzene	12.39	91	525284	19.492	ug/l	99
90) Hexachloroethane	12.60	117	128707	19.994	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	340738	20.019	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55410	19.454	ug/l	95

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Instrument :
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ClientSampleId :
VX1203WBS01

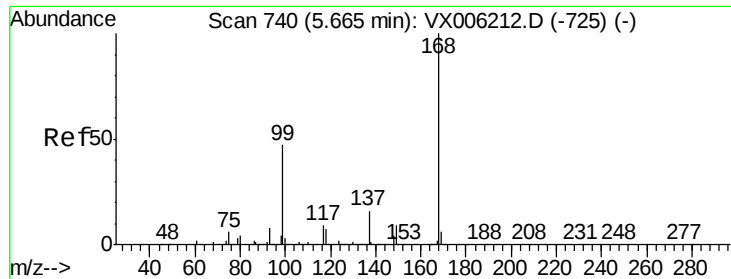
Manual Integrations
APPROVED

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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)
93) 1,2,4-Trichlorobenzene	13.65	180	239624	19.297	ug/l	99
94) Hexachlorobutadiene	13.78	225	110131	20.054	ug/l	99
95) Naphthalene	13.83	128	775851	20.086	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	242104	19.684	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBS01

Tgt Ion:168 Resp: 720156

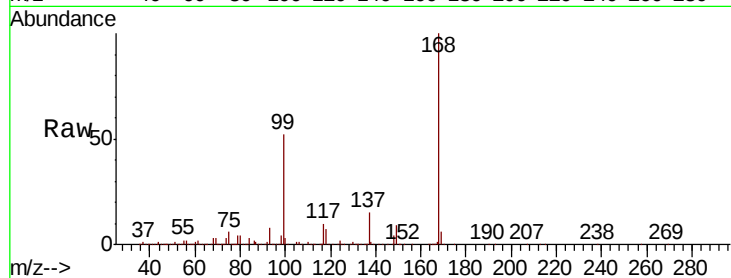
Ion Ratio Lower Upper

168 100

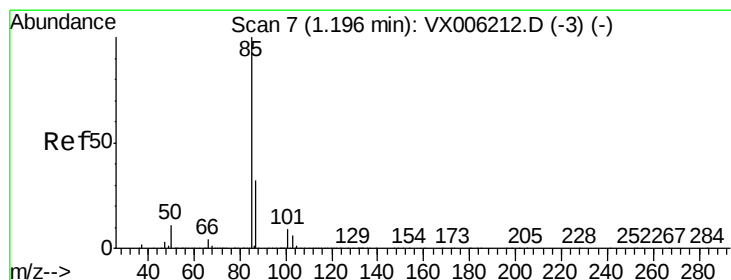
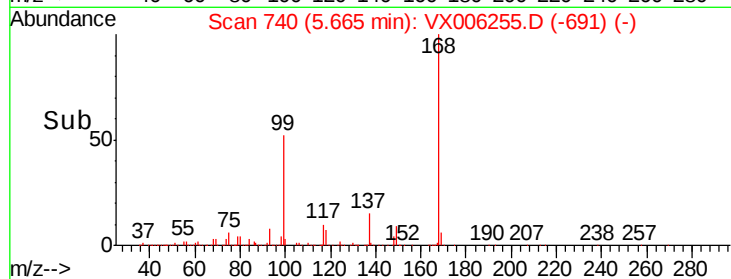
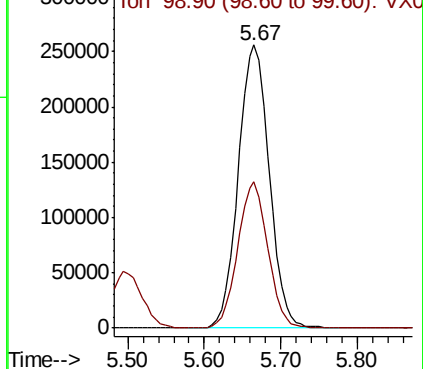
99 51.7 37.8 56.8

Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): VX006255.D (-691) (-)



#2

Dichlorodifluoromethane

Concen: 21.470 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX006255.D

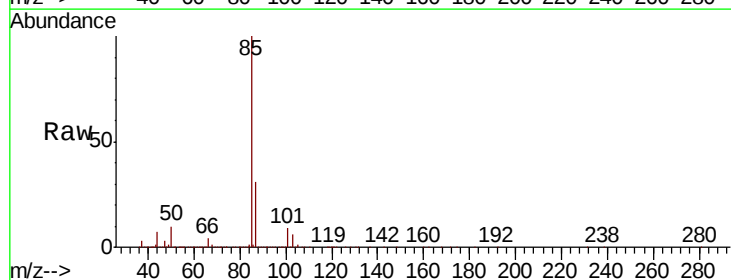
Acq: 03 Dec 2018 16:04

Tgt Ion: 85 Resp: 151391

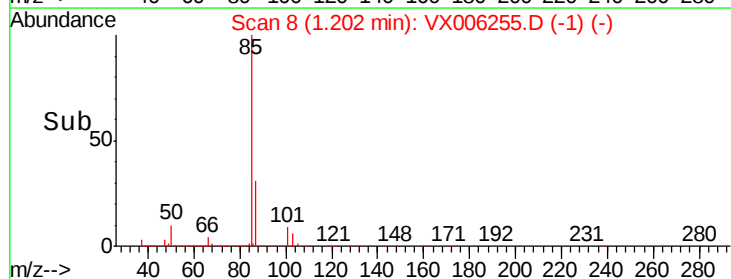
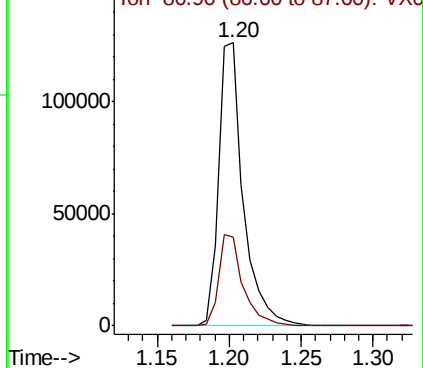
Ion Ratio Lower Upper

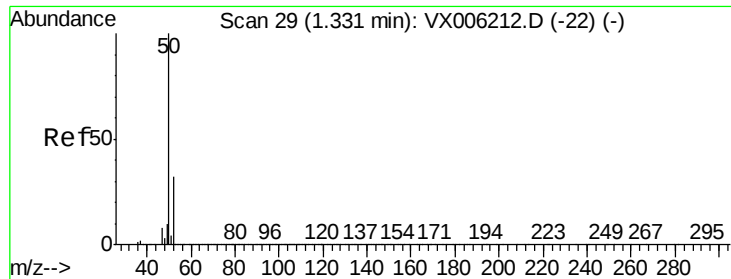
85 100

87 31.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX006255.D (-1) (-)





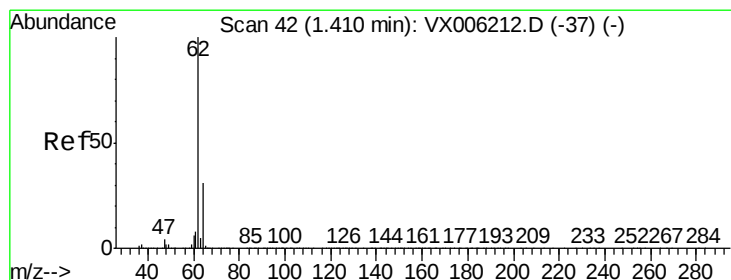
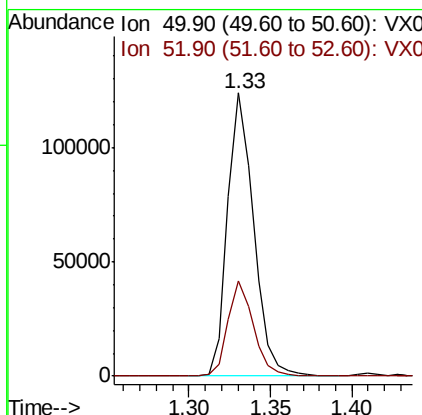
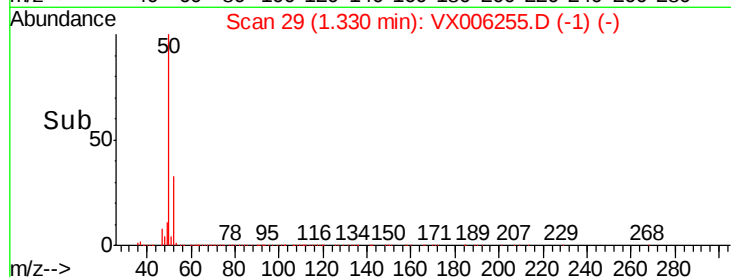
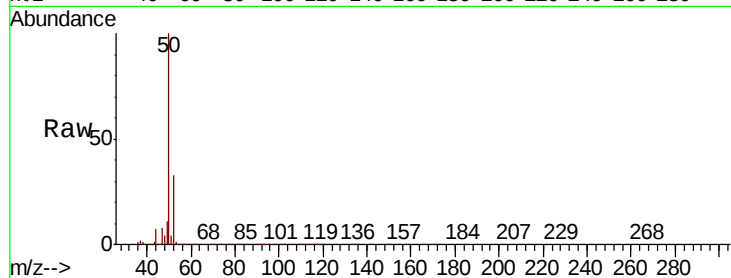
#3
Chloromethane
Concen: 19.043 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tgt Ion	Ratio	Lower	Upper
50	100		
52	33.3	25.2	37.8

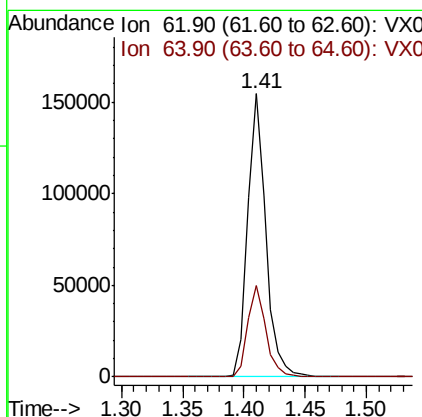
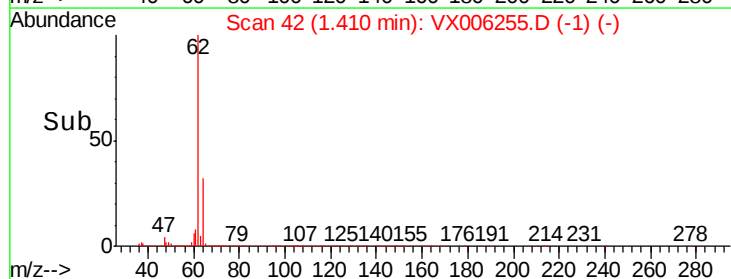
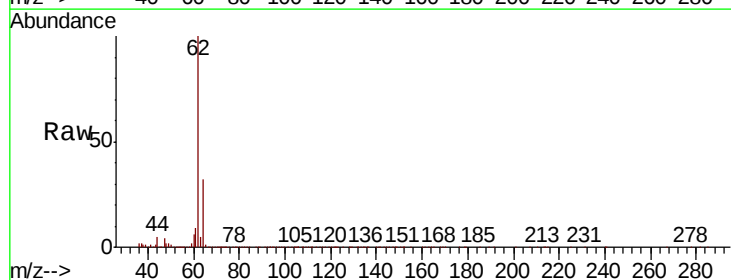
Manual Integrations
APPROVED

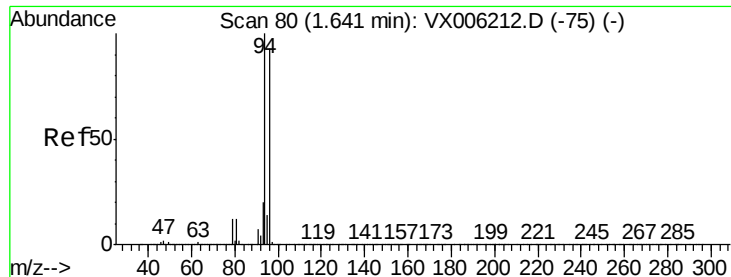
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#4
Vinyl Chloride
Concen: 20.452 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.0	24.9	37.3





#5

Bromomethane

Concen: 20.750 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBS01

Tgt Ion: 94 Resp: 112149

Ion Ratio Lower Upper

94 100

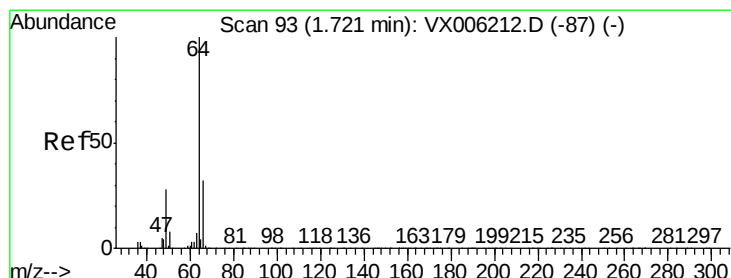
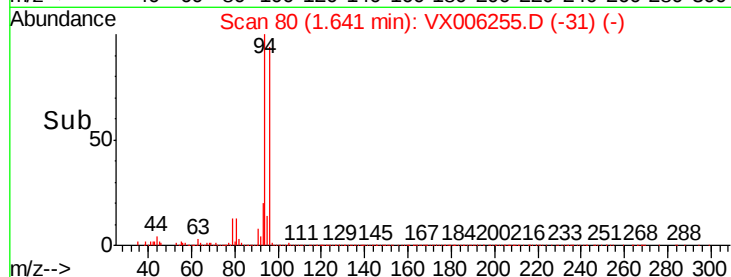
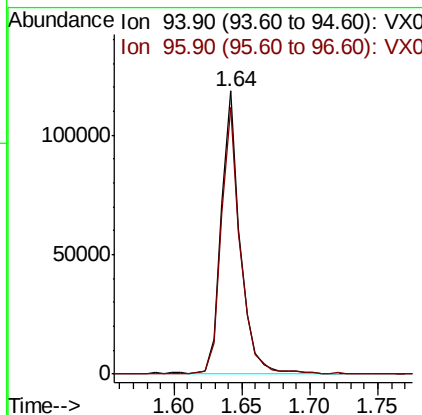
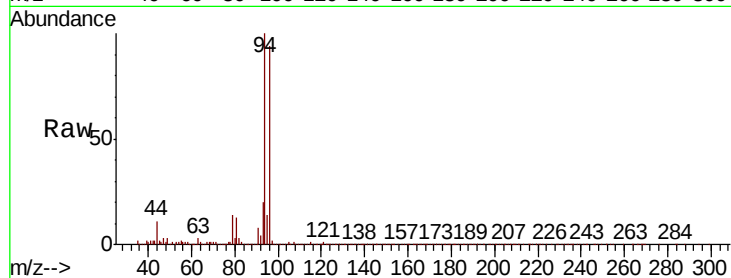
96 94.2 74.5 111.7

Manual Integrations

APPROVED

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#6

Chloroethane

Concen: 21.090 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006255.D

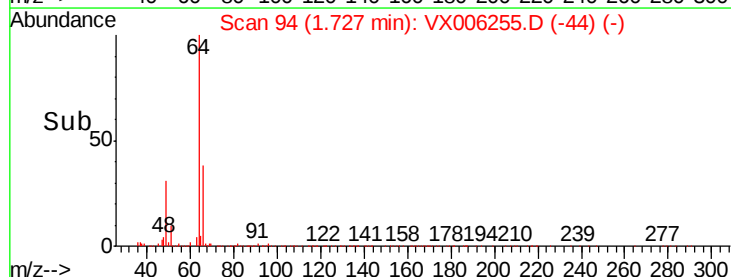
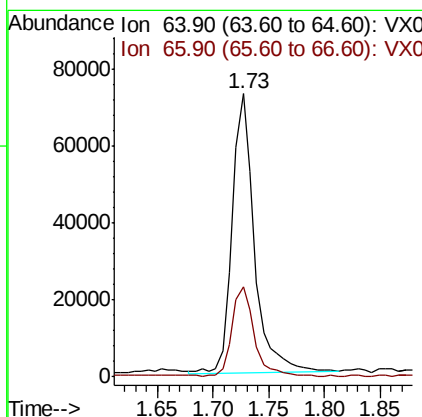
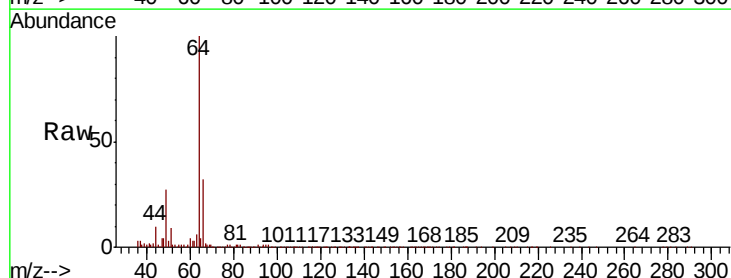
Acq: 03 Dec 2018 16:04

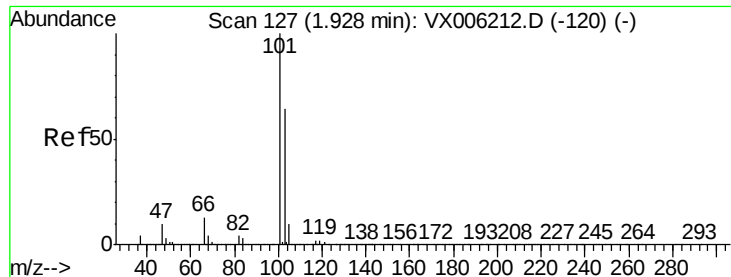
Tgt Ion: 64 Resp: 100846

Ion Ratio Lower Upper

64 100

66 32.3 25.9 38.9





#7

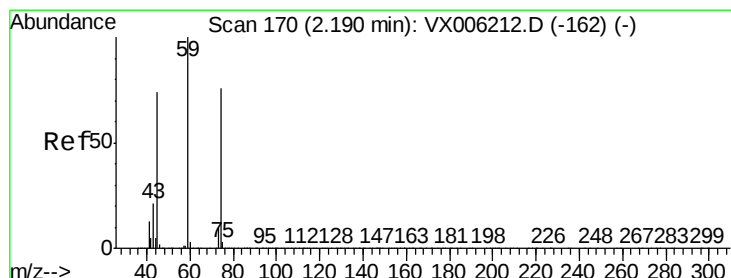
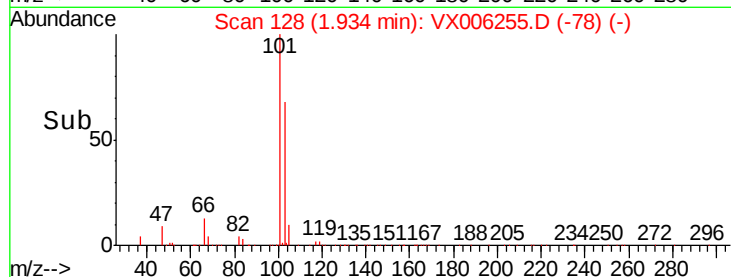
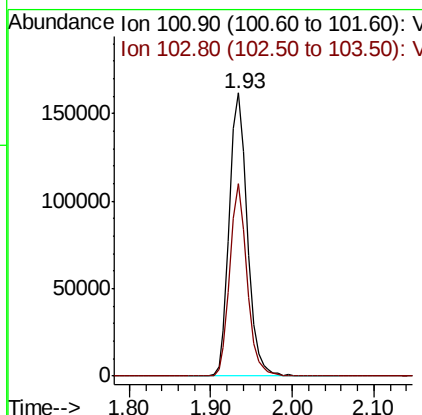
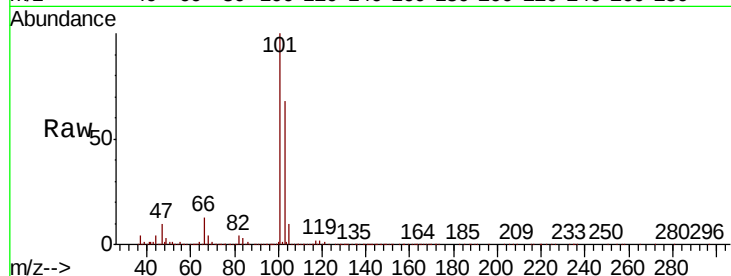
Trichlorofluoromethane
Concen: 20.393 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Instrument :
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ClientSampleId :
VX1203WBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	67.9	51.0	76.4

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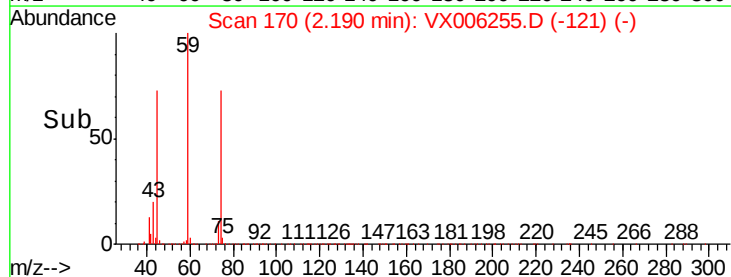
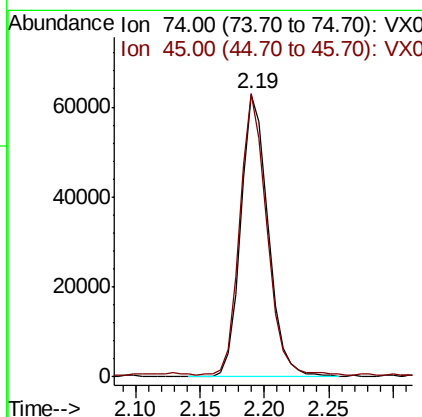
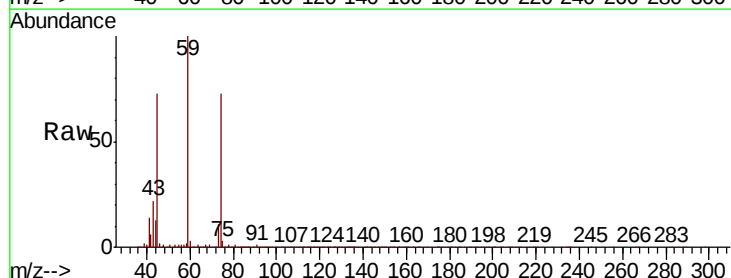
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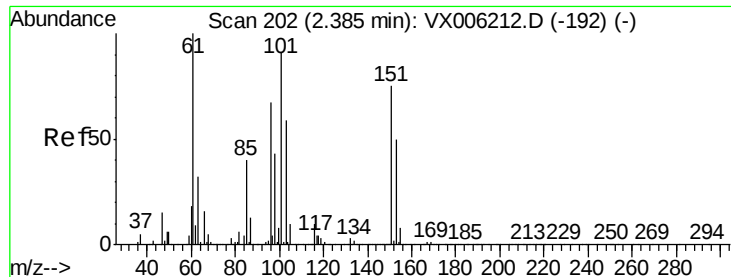


#8

Diethyl Ether
Concen: 20.163 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.1	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.388 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

Instrument :

MSVOA_X

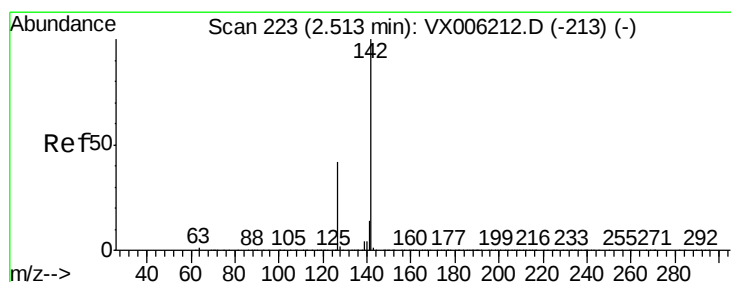
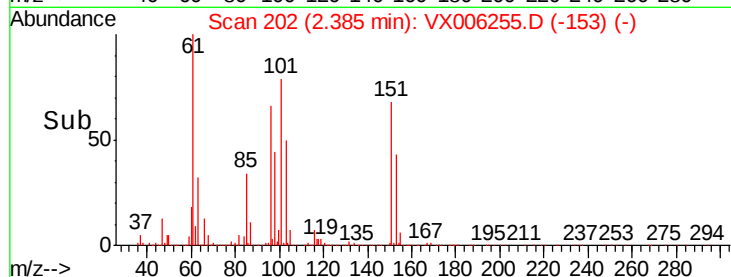
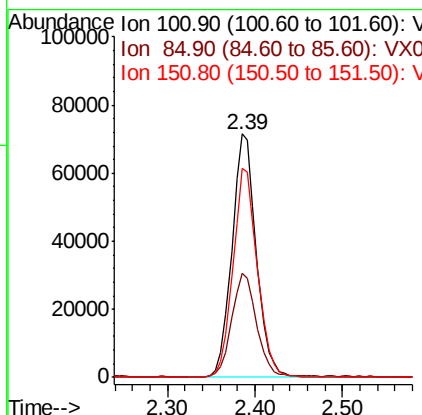
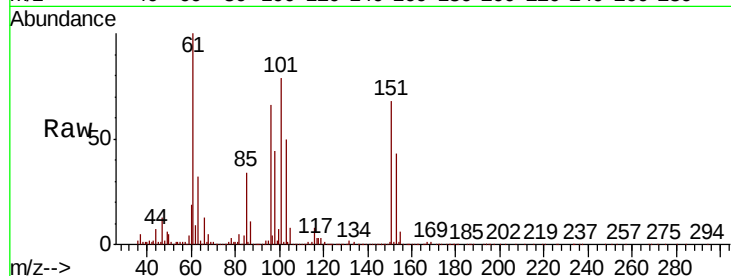
ClientSampleId :

VX1203WBS01

Tgt Ion:	101	Resp:	138783
Ion Ratio	Lower	Upper	
101	100		
85	43.2	35.5	53.3
151	86.1	68.6	103.0

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#10

Methyl Iodide

Concen: 19.914 ug/l

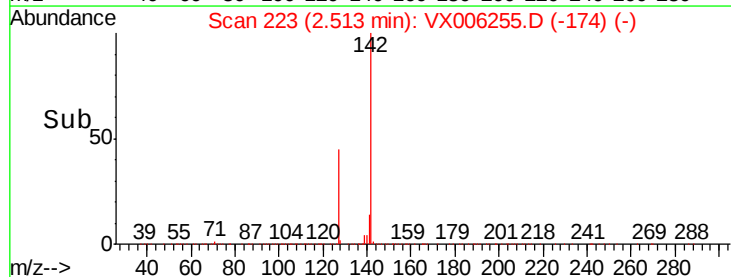
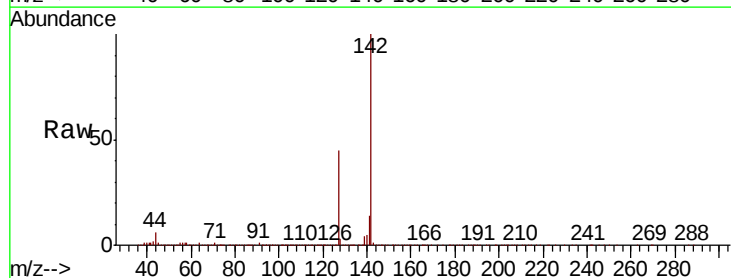
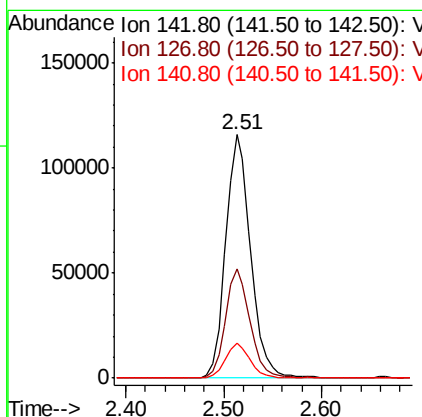
RT: 2.51 min Scan# 223

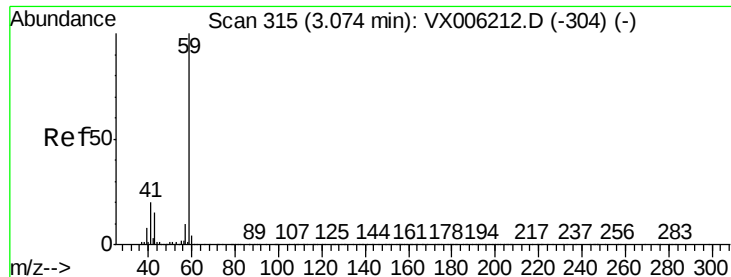
Delta R.T. -0.00 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

Tgt Ion:	142	Resp:	204292
Ion Ratio	Lower	Upper	
142	100		
127	44.1	34.8	52.2
141	14.2	11.4	17.2





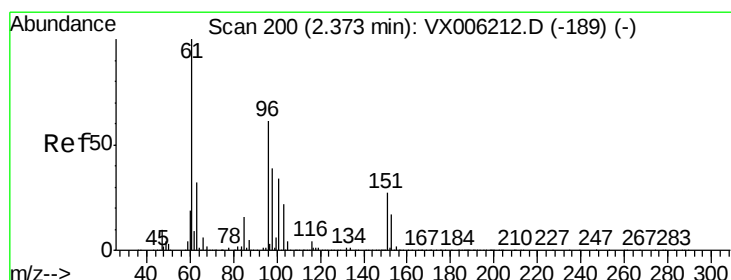
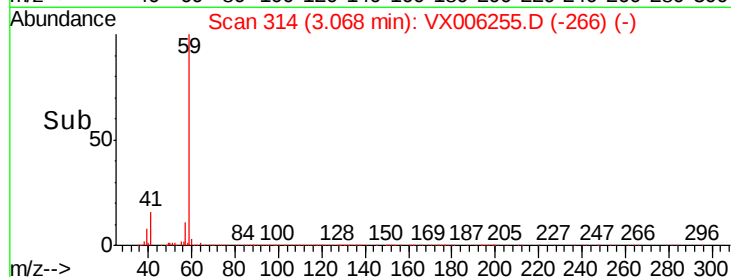
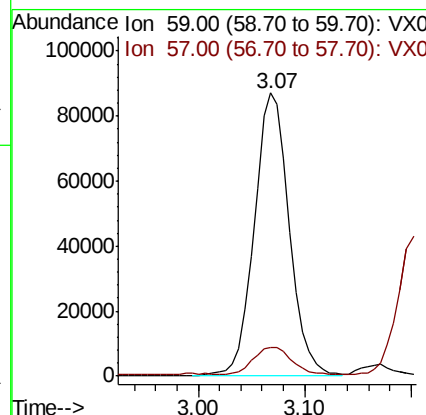
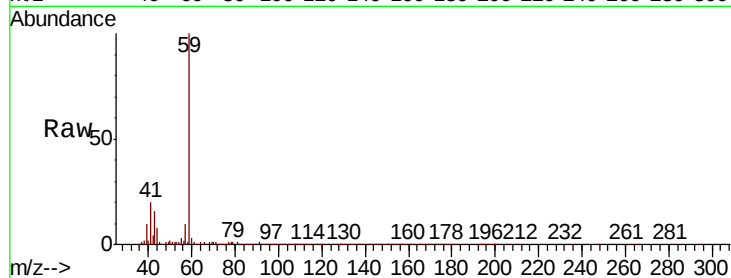
#11
Tert butyl alcohol
Concen: 99.406 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Instrument :
MSVOA_X
ClientSampled :
VX1203WBS01

Tgt Ion: 59 Resp: 199857
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2

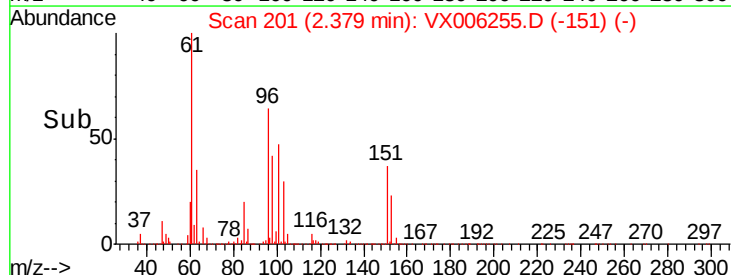
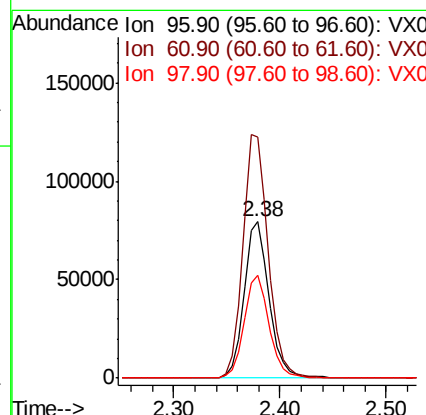
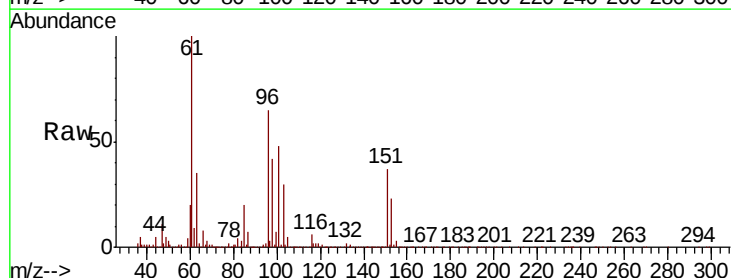
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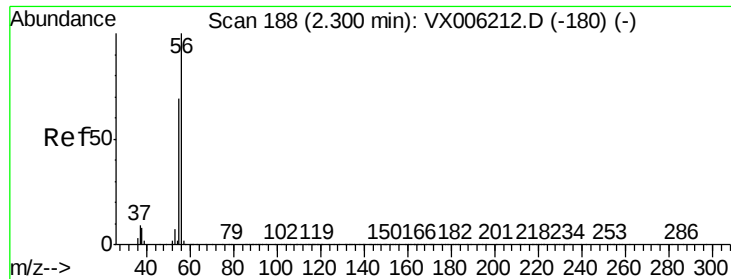
MMDadoda
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#12
1,1-Dichloroethene
Concen: 19.813 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Tgt Ion: 96 Resp: 129108
Ion Ratio Lower Upper
96 100
61 154.5 131.7 197.5
98 65.5 51.8 77.6





#13

Acrolein

Concen: 84.563 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBS01

Tgt Ion: 56 Resp: 92924

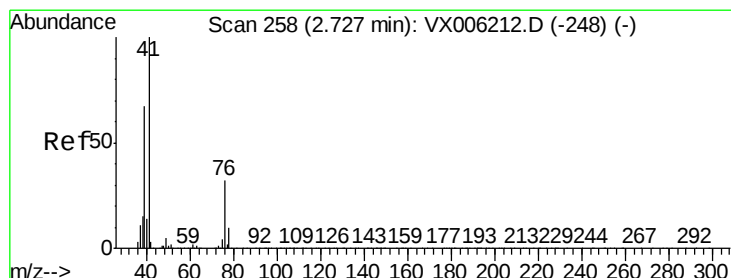
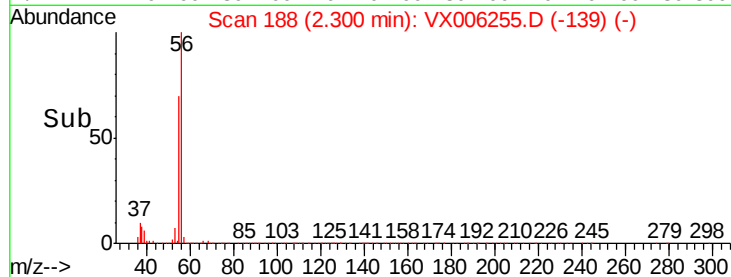
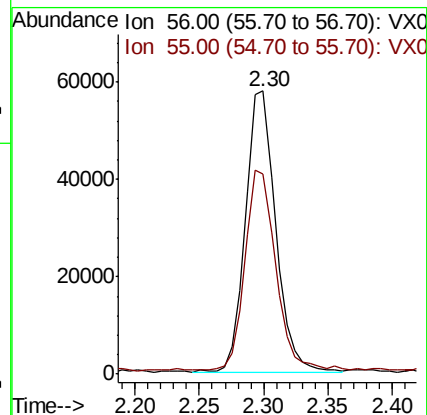
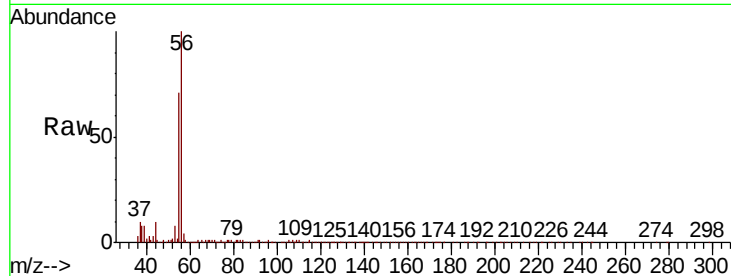
Ion Ratio Lower Upper

56 100

55 72.1 57.8 86.6

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#14

Allyl chloride

Concen: 19.630 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

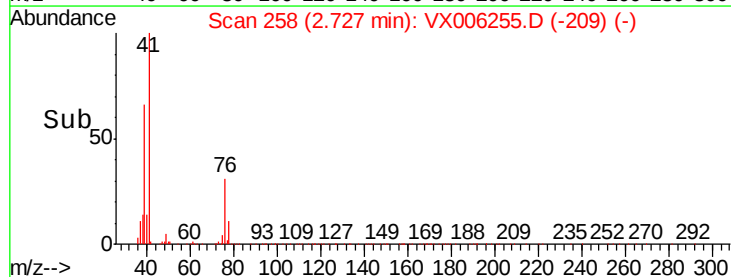
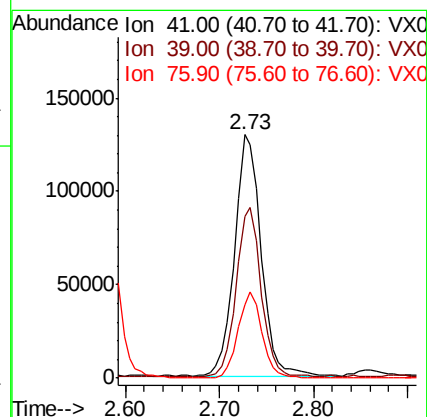
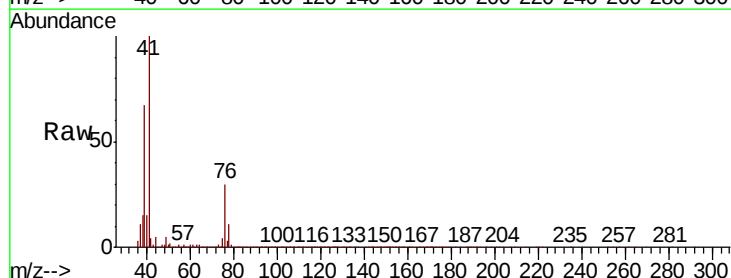
Tgt Ion: 41 Resp: 252686

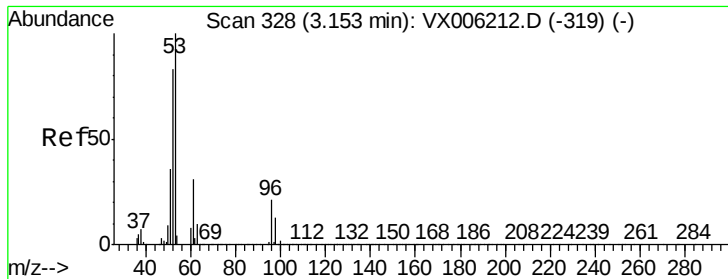
Ion Ratio Lower Upper

41 100

39 65.2 52.4 78.6

76 32.2 25.4 38.0





#15

Acrylonitrile

Concen: 100.751 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

Instrument :

MSVOA_X

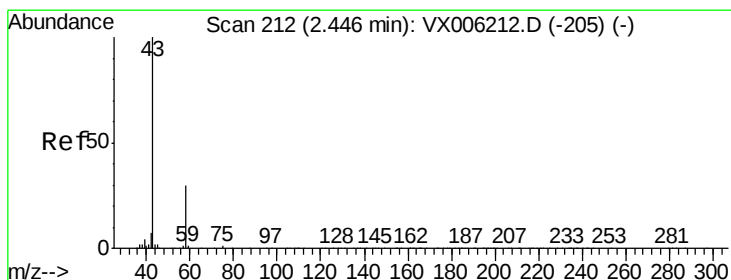
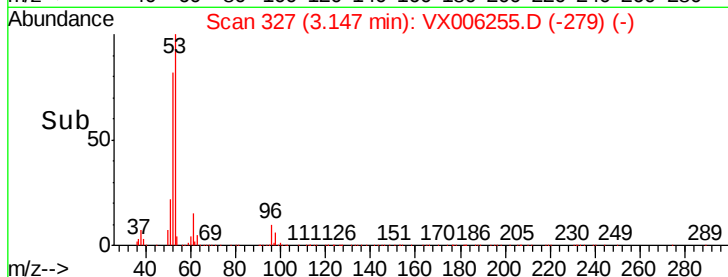
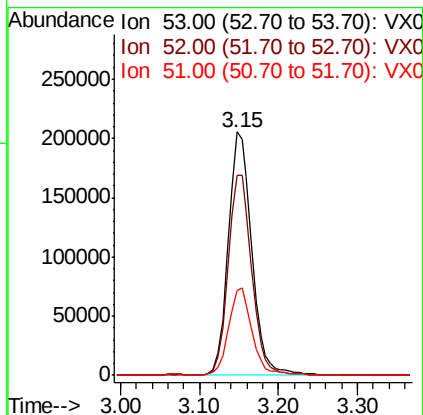
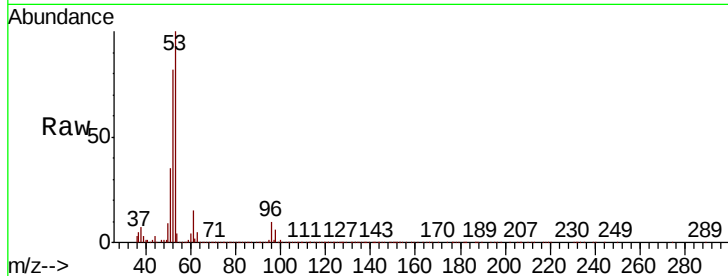
ClientSampleId :

VX1203WBS01

Tgt Ion:	53	Resp:	422693
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.2	99.4
51	35.7	28.7	43.1

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#16

Acetone

Concen: 104.192 ug/l

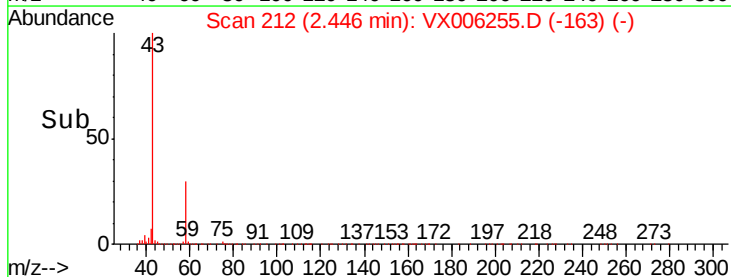
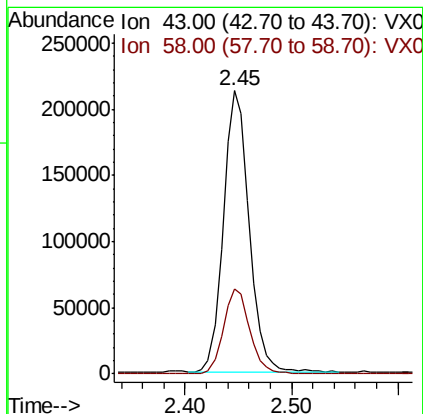
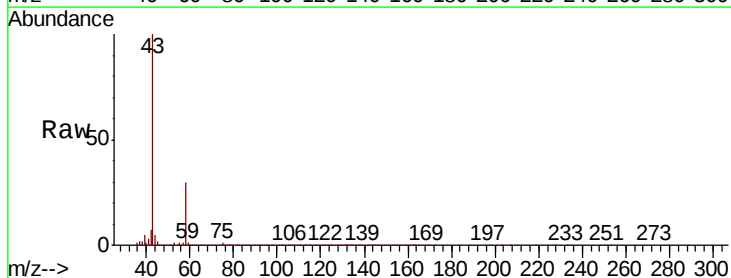
RT: 2.45 min Scan# 212

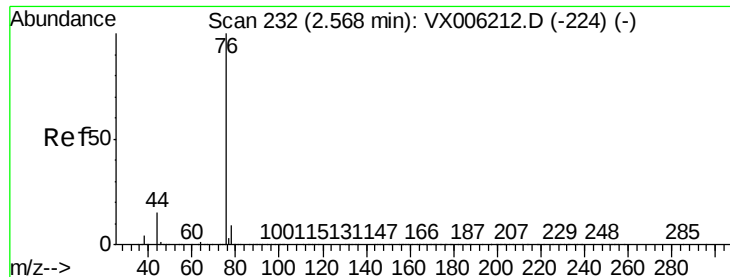
Delta R.T. -0.00 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

Tgt Ion:	43	Resp:	359471
Ion Ratio	Lower	Upper	
43	100		
58	29.9	24.0	36.0





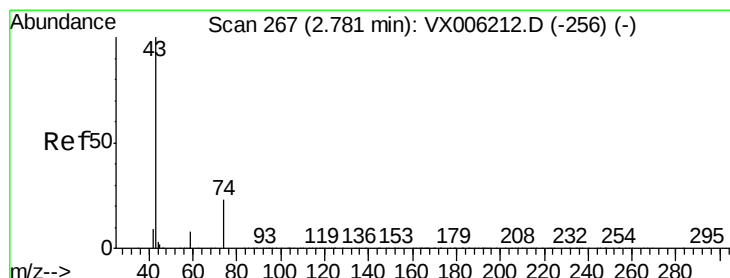
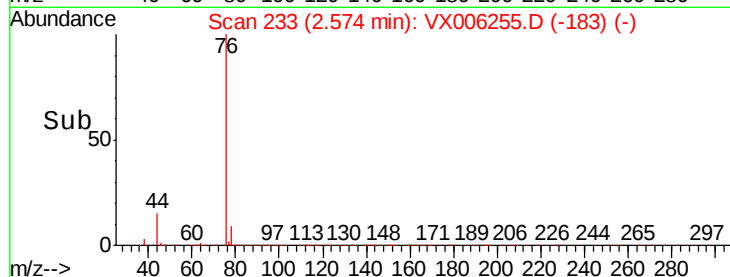
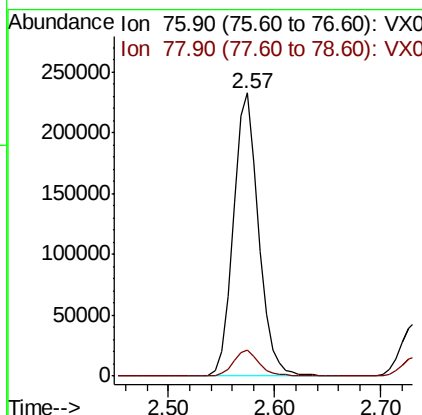
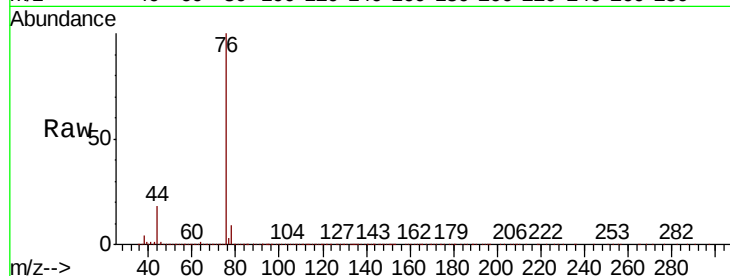
#17
Carbon Disulfide
Concen: 19.284 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tgt Ion: 76 Resp: 387228
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

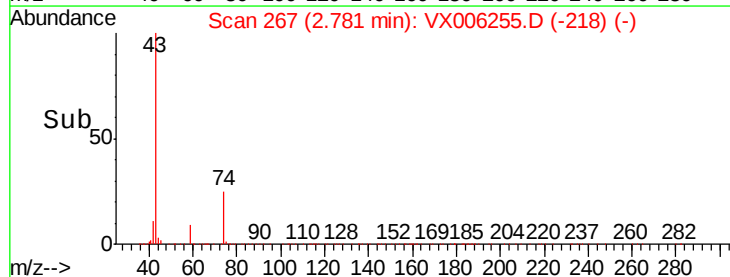
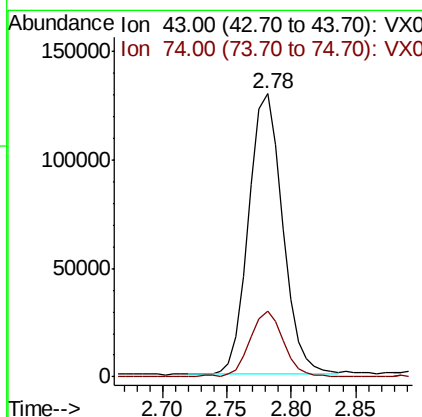
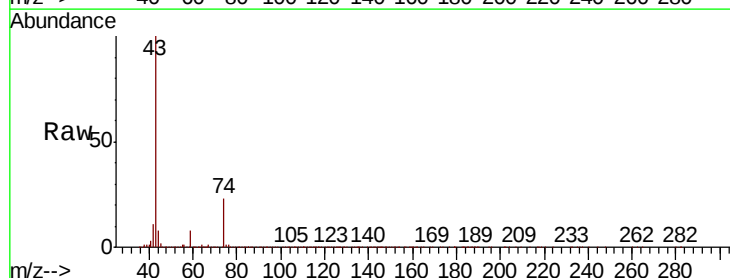
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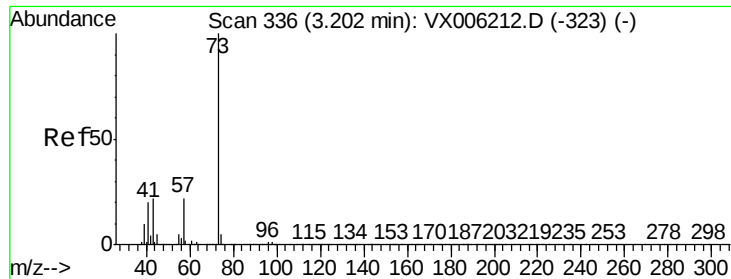
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#18
Methyl Acetate
Concen: 20.487 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Tgt Ion: 43 Resp: 236378
Ion Ratio Lower Upper
43 100
74 23.6 17.9 26.9





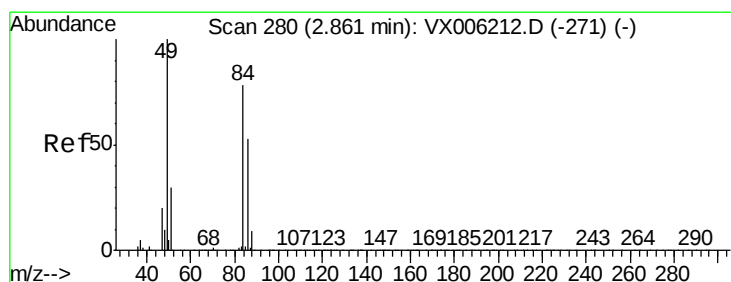
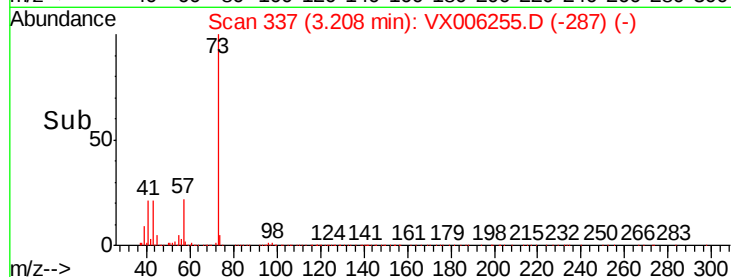
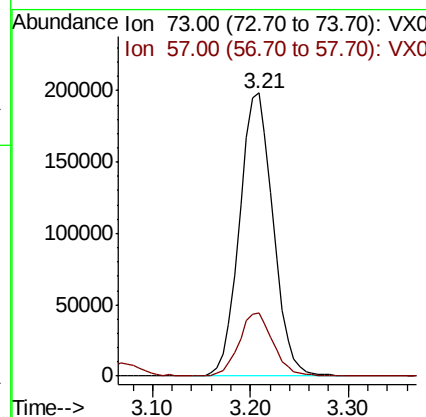
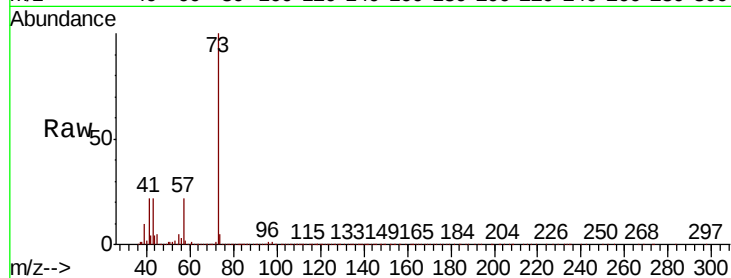
#19
Methyl tert-butyl Ether
Concen: 20.295 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tgt Ion: 73 Resp: 471781
Ion Ratio Lower Upper
73 100
57 21.8 17.5 26.3

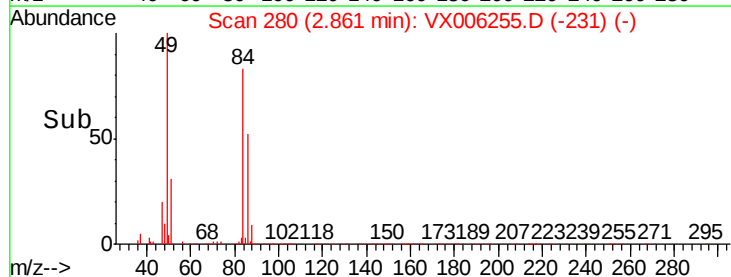
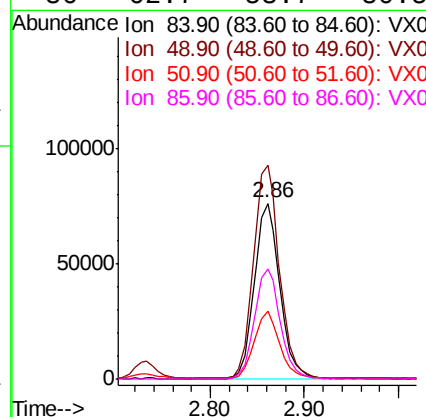
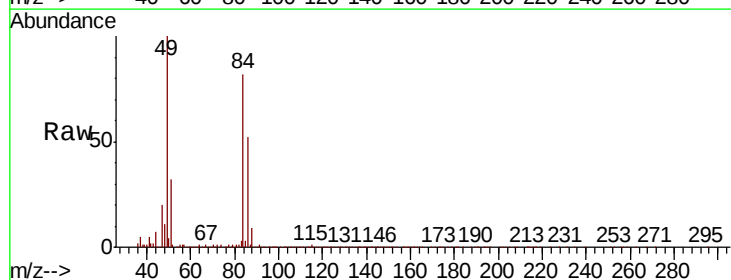
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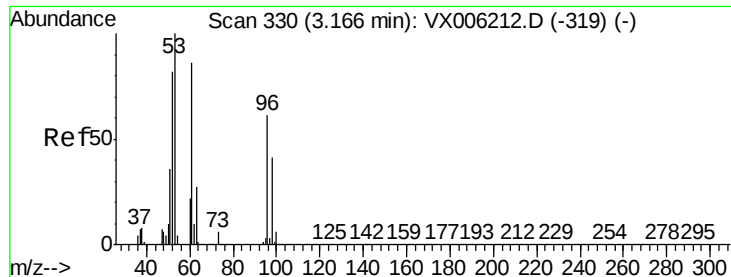
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#20
Methylene Chloride
Concen: 19.707 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Tgt Ion: 84 Resp: 144697
Ion Ratio Lower Upper
84 100
49 121.5 102.2 153.4
51 38.0 31.1 46.7
86 62.7 53.7 80.5





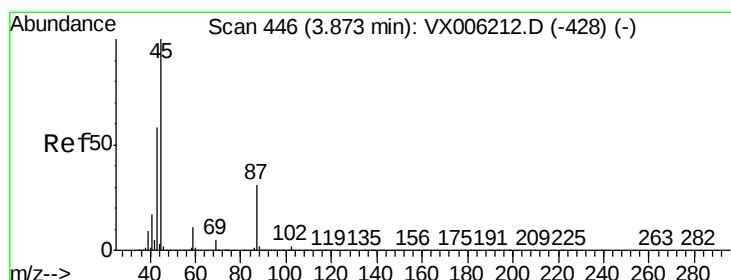
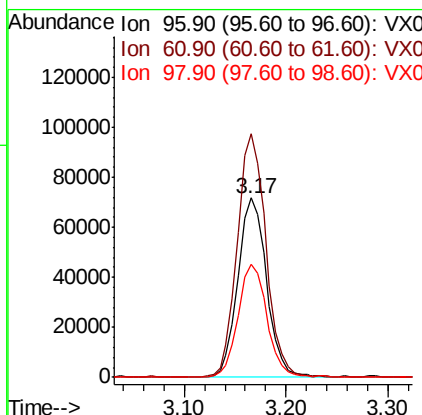
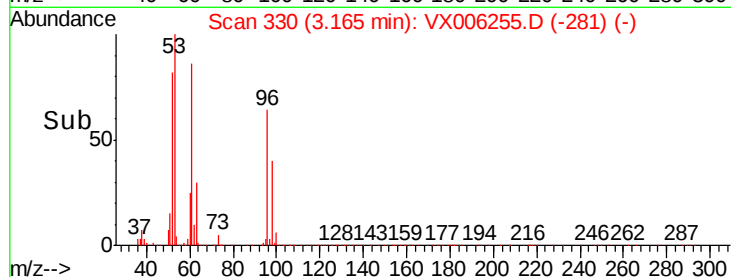
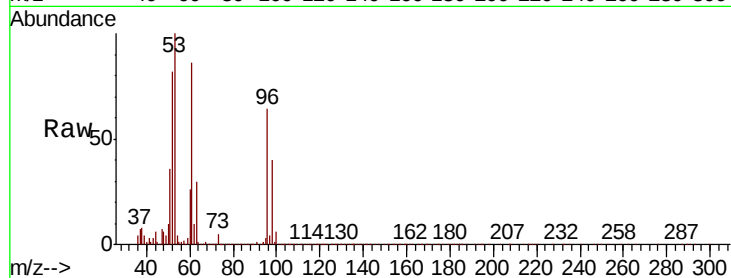
#21
trans-1,2-Dichloroethene
Concen: 20.110 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.4	113.3	169.9
98	63.1	53.2	79.8

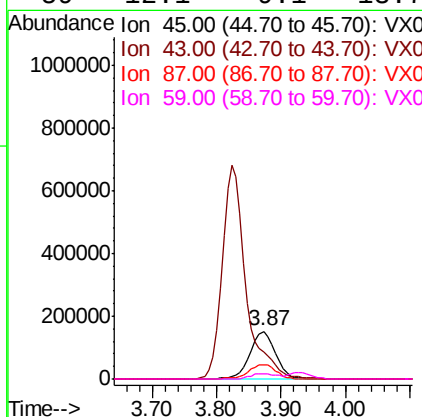
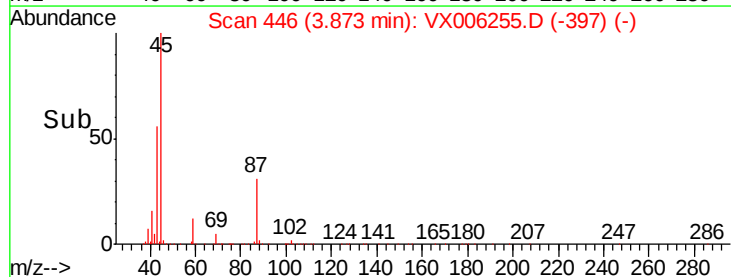
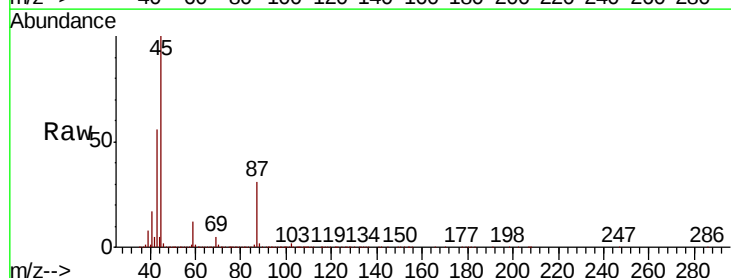
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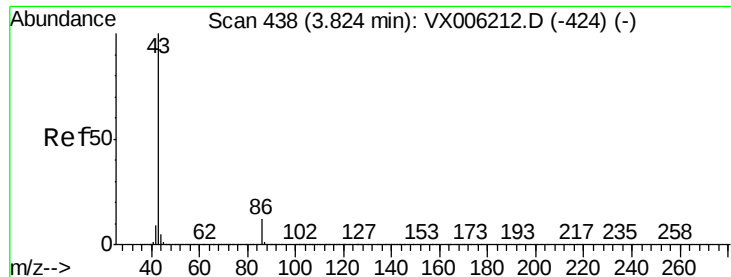
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#22
Diisopropyl ether
Concen: 20.384 ug/l
RT: 3.87 min Scan# 446
Delta R.T. -0.00 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.2	46.2	69.2
87	30.4	24.9	37.3
59	12.1	9.1	13.7





#23

Vinyl Acetate

Concen: 102.620 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBS01

Tgt Ion: 43 Resp: 1759834

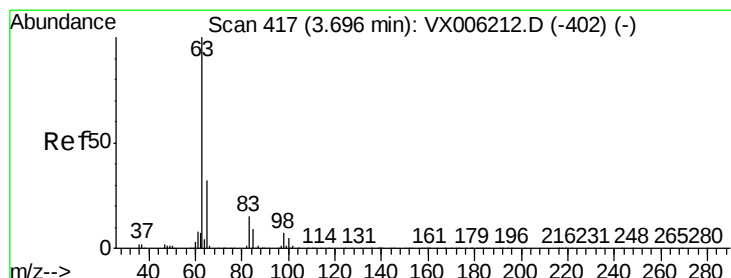
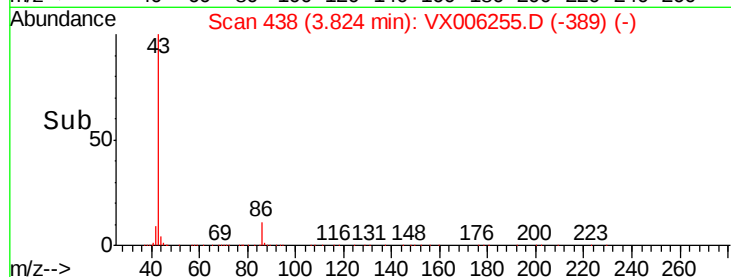
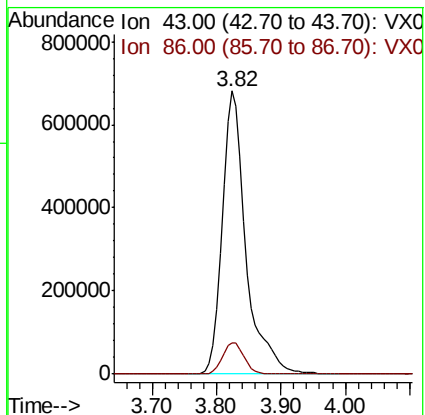
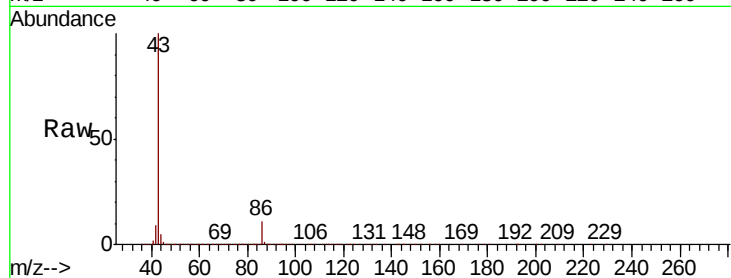
Ion Ratio Lower Upper

43 100

86 11.2 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 20.664 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

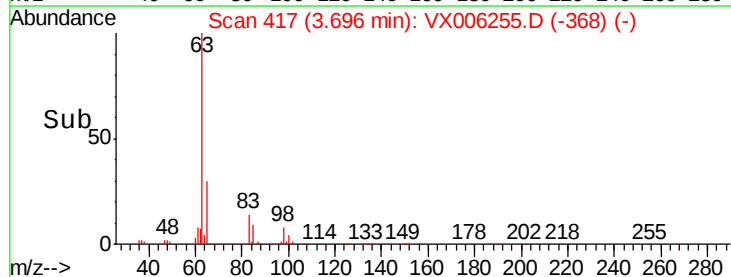
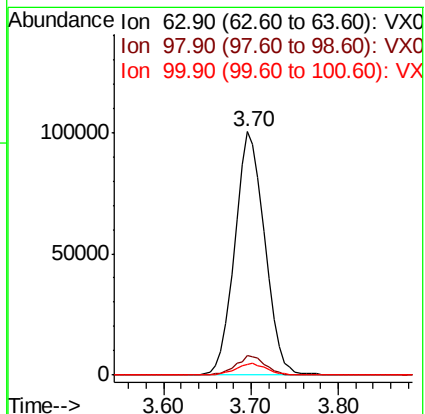
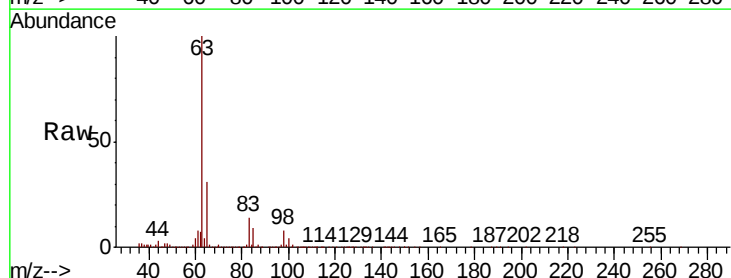
Tgt Ion: 63 Resp: 237479

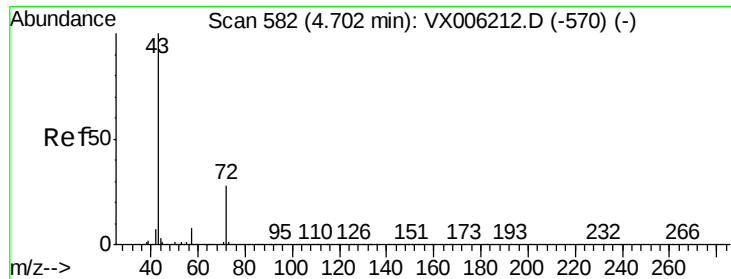
Ion Ratio Lower Upper

63 100

98 8.0 3.8 11.4

100 4.5 2.5 7.4





#25

2-Butanone

Concen: 103.060 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBS01

Tgt Ion: 43 Resp: 507342

Ion Ratio Lower Upper

43 100

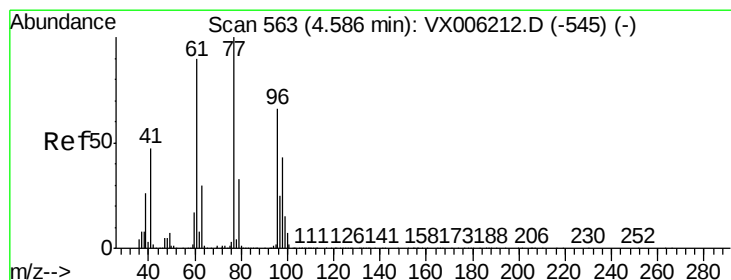
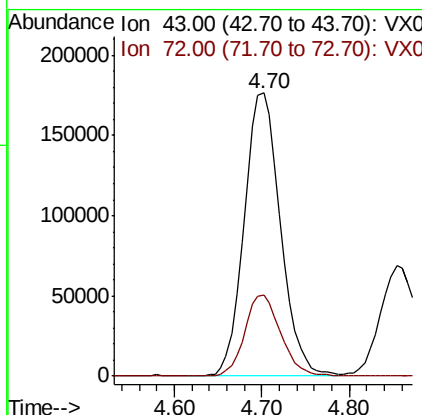
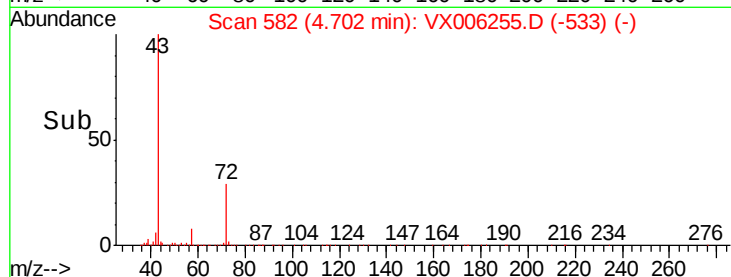
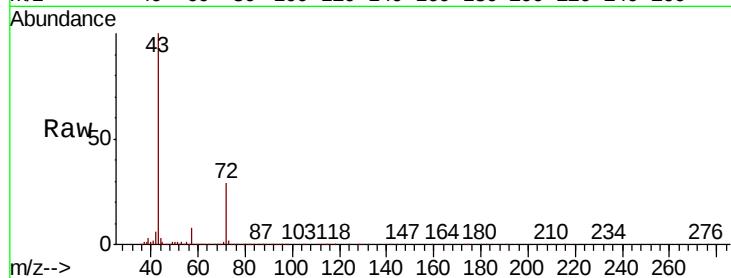
72 28.5 22.6 33.8

Manual Integrations

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12/4/2018 9:58:48 AM



#26

2,2-Dichloropropane

Concen: 18.447 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006255.D

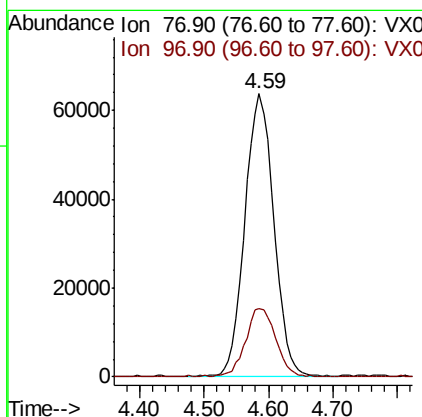
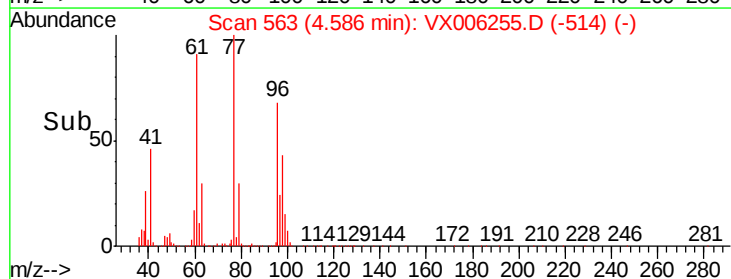
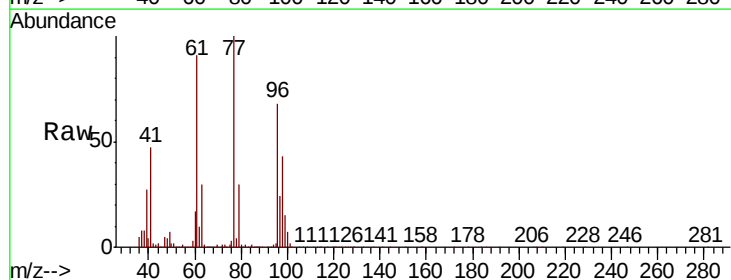
Acq: 03 Dec 2018 16:04

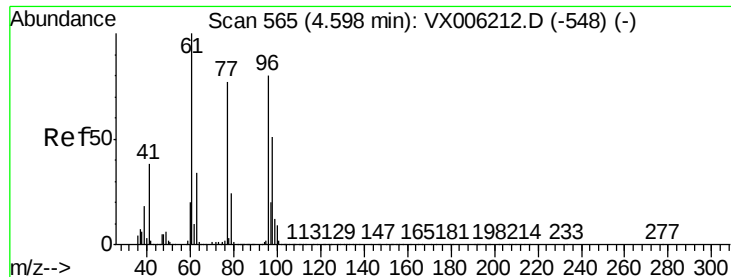
Tgt Ion: 77 Resp: 195649

Ion Ratio Lower Upper

77 100

97 25.3 12.3 36.8





#27

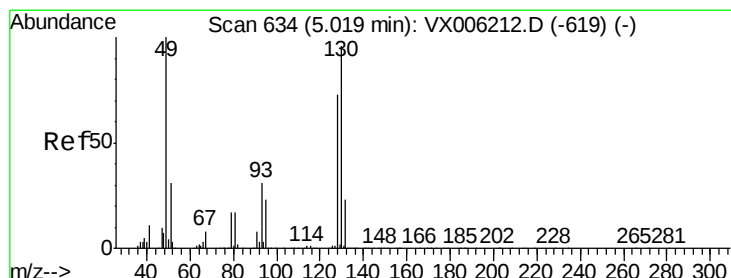
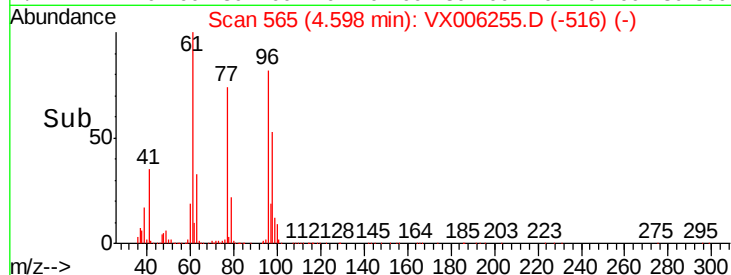
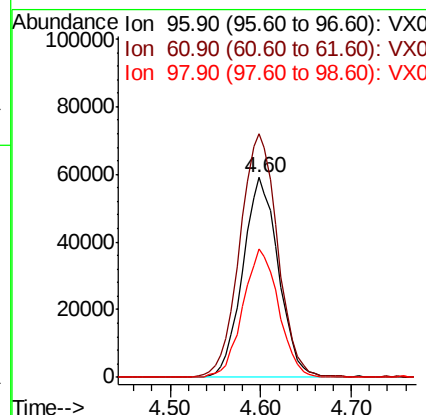
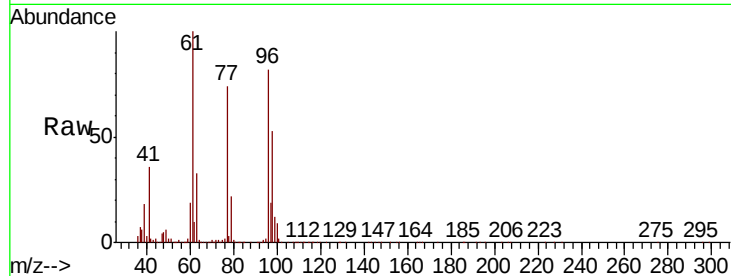
cis-1,2-Dichloroethene
Concen: 20.828 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	161330		
61	128.0	0.0	265.0	
98	64.7	0.0	130.2	

Manual Integrations
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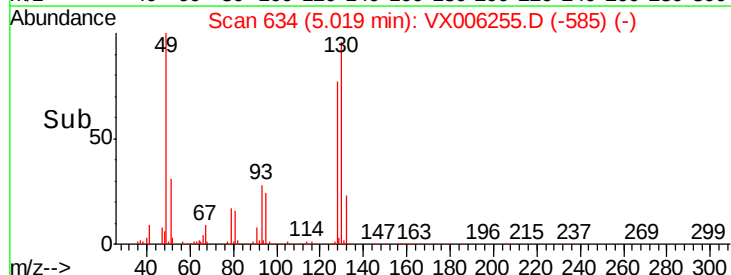
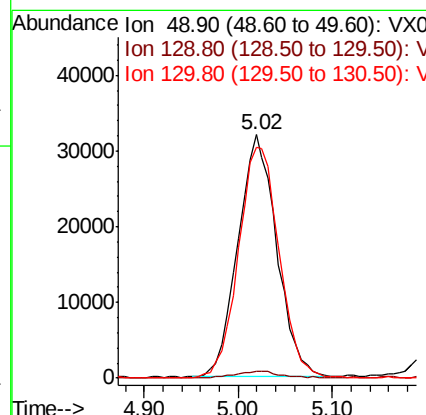
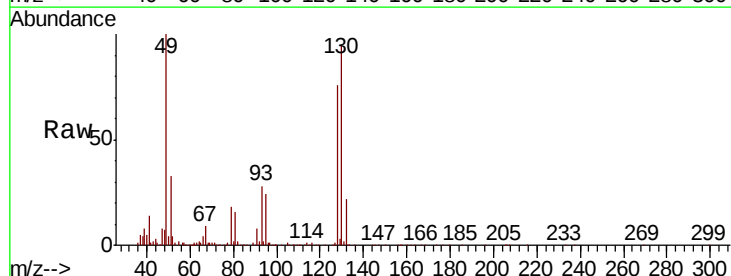
MMDadoda
12/4/2018 9:58:48 AM

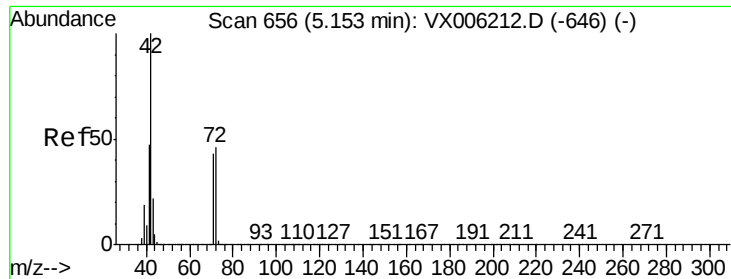


#28

Bromochloromethane
Concen: 18.324 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	91983		
129	3.1	0.0	5.0	
130	100.2	78.3	117.5	





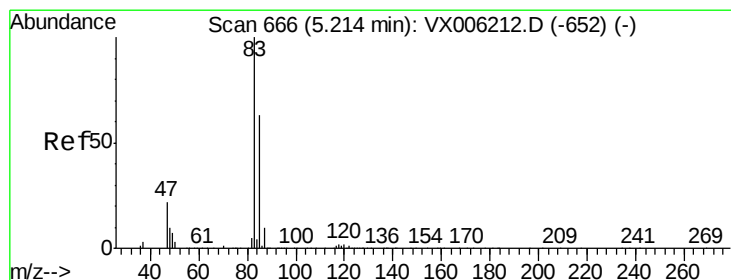
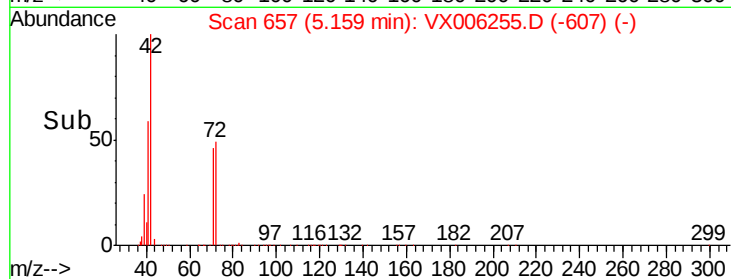
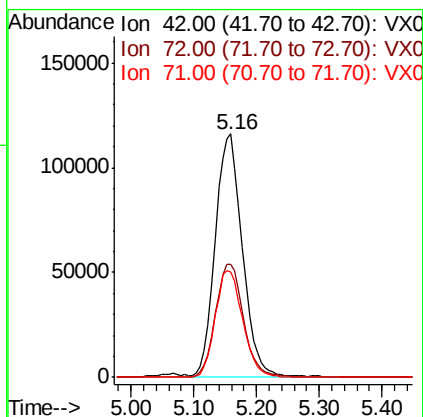
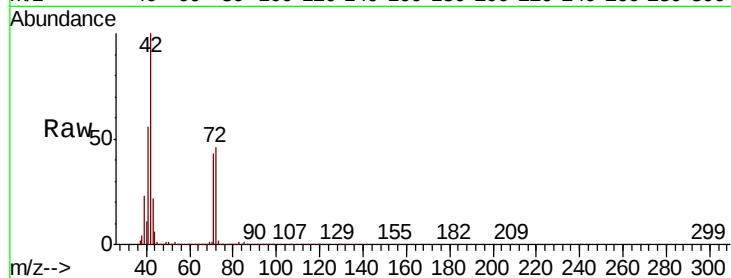
#29
Tetrahydrofuran
Concen: 100.917 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	48.5	37.8	56.8
71	44.6	35.2	52.8

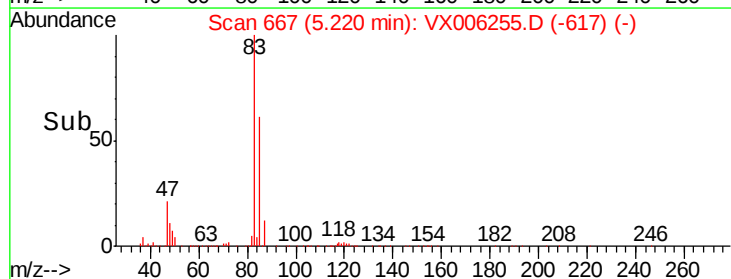
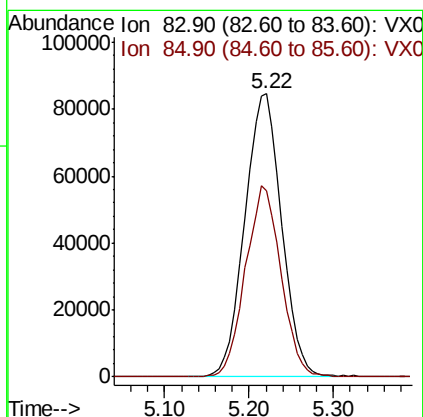
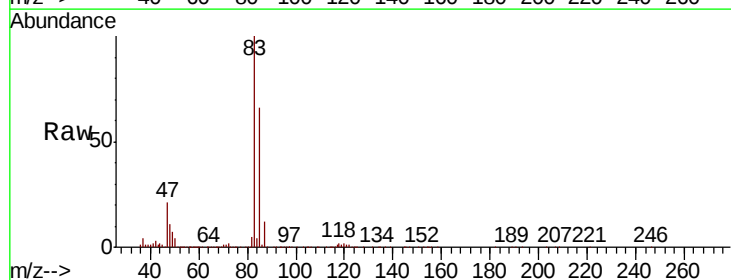
Manual Integrations
APPROVED

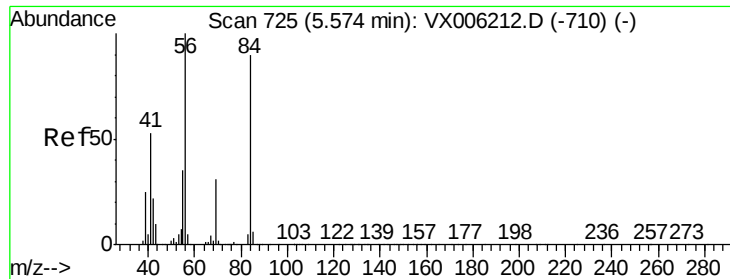
MMDadoda
12/4/2018 9:58:48 AM



#30
Chloroform
Concen: 20.747 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.3	75.5





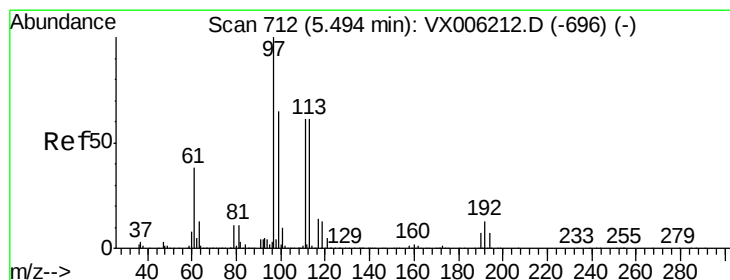
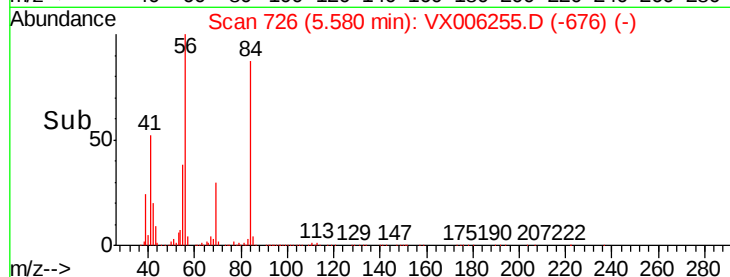
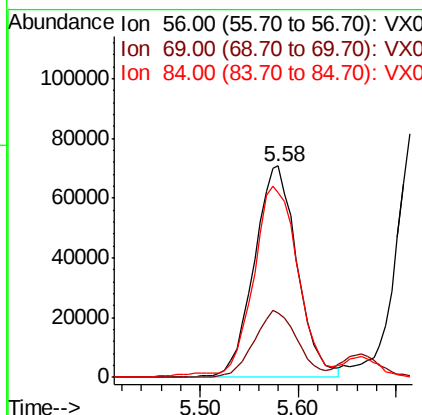
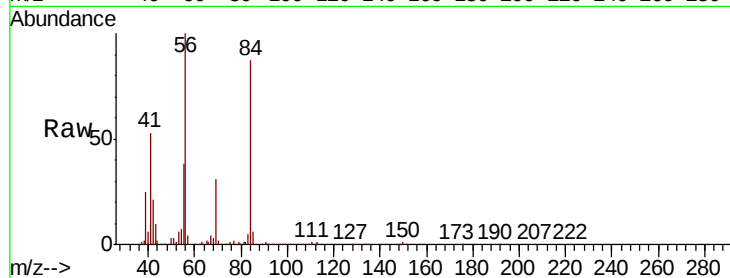
#31
Cyclohexane
Concen: 20.214 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.5	36.7
84	85.7	71.8	107.6

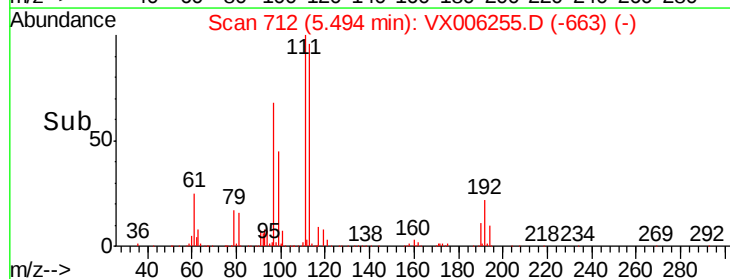
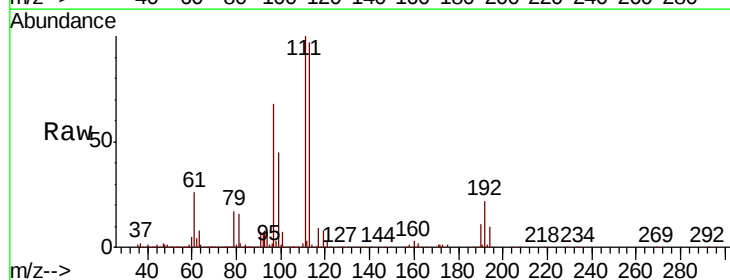
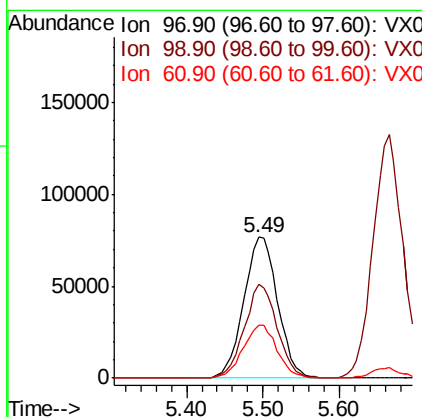
Manual Integrations
APPROVED

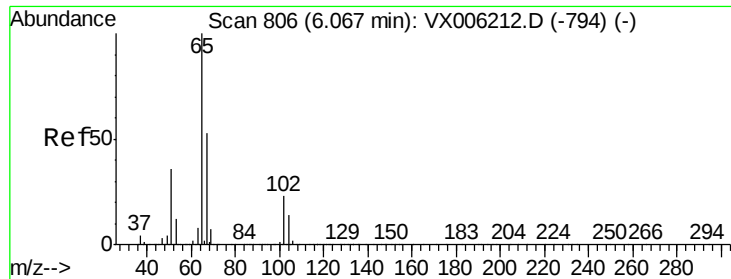
MMDadoda
12/4/2018 9:58:48 AM



#32
1,1,1-Trichloroethane
Concen: 20.437 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.6	77.4
61	37.7	30.6	46.0





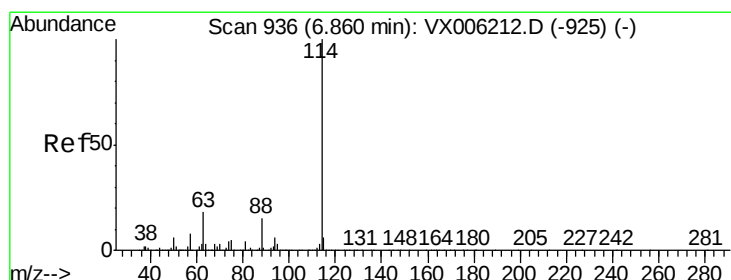
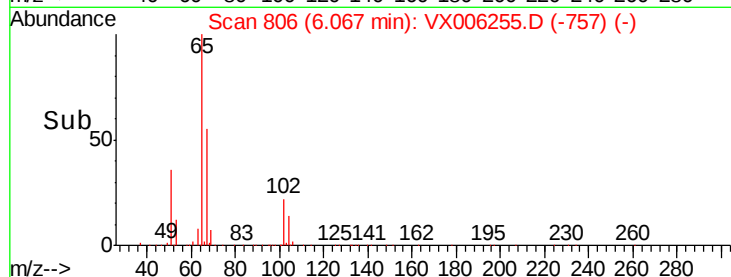
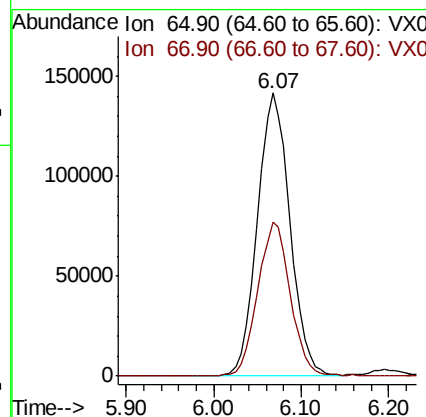
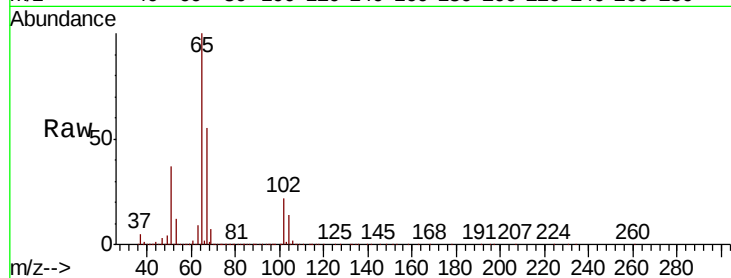
#33
 1,2-Dichloroethane-d4
 Concen: 49.722 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006255.D
 Acq: 03 Dec 2018 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBS01

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	107.2

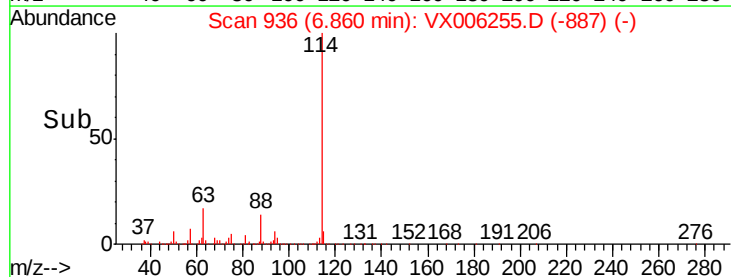
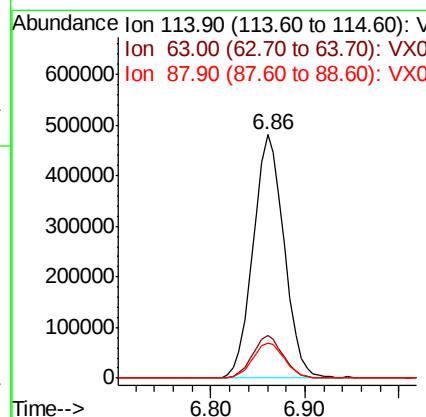
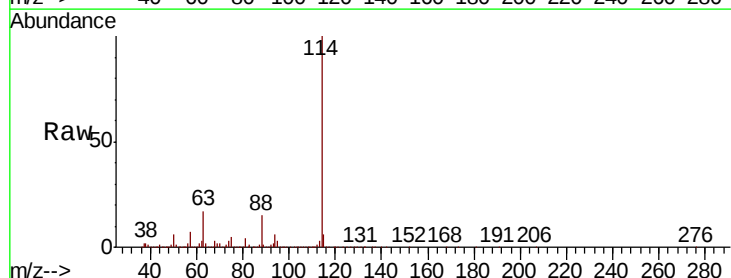
Manual Integrations
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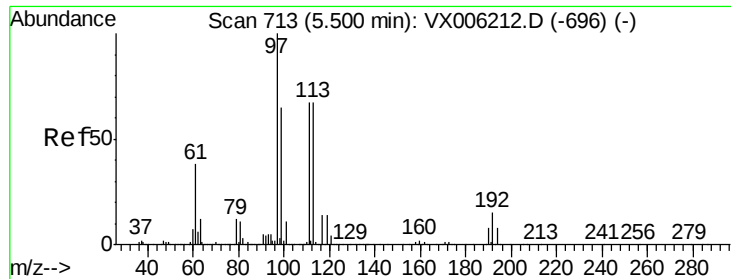
MMDadoda
 12/4/2018 9:58:48 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006255.D
 Acq: 03 Dec 2018 16:04

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	36.6
88	14.5	0.0	29.0





#35

Dibromofluoromethane

Concen: 48.714 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

Instrument :

MSVOA_X

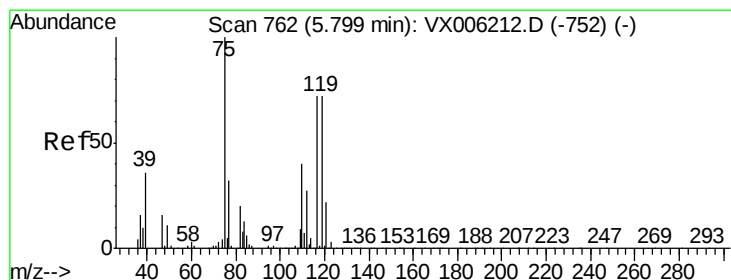
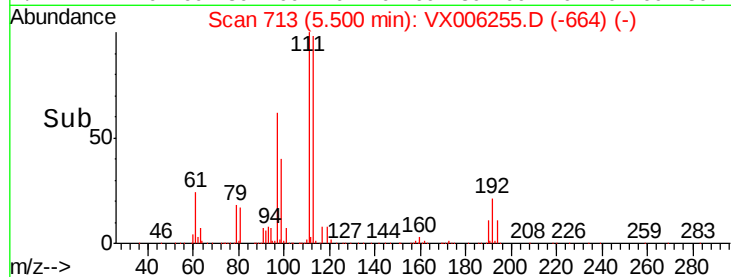
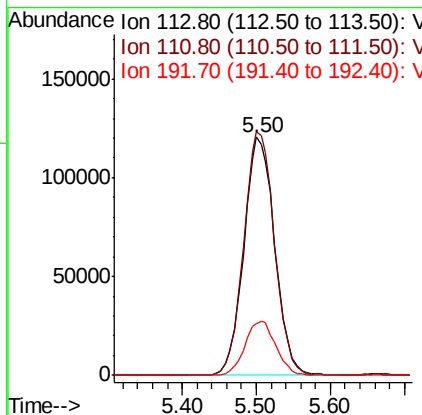
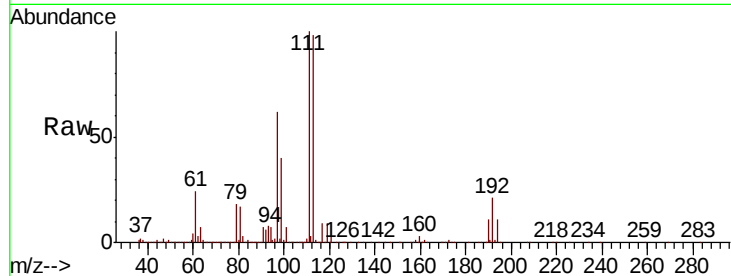
ClientSampleId :

VX1203WBS01

Tgt Ion:	113	Resp:	349562
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.1	121.7
192	22.6	18.2	27.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.008 ug/l

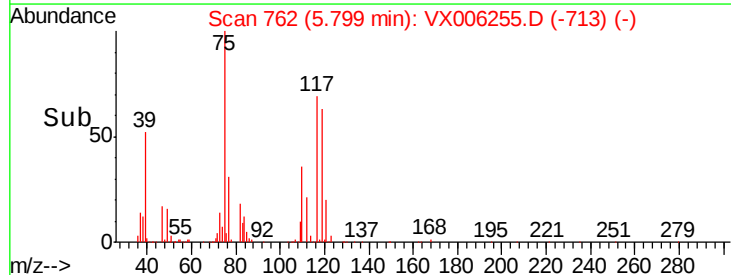
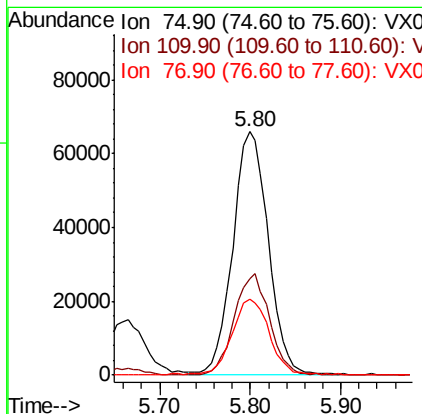
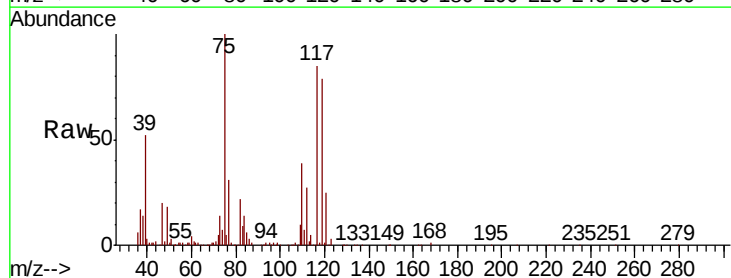
RT: 5.80 min Scan# 762

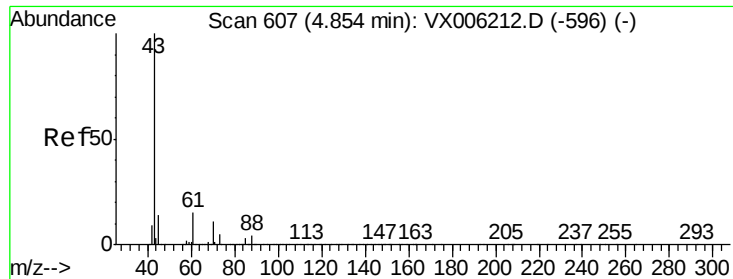
Delta R.T. -0.00 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

Tgt Ion:	75	Resp:	177408
Ion Ratio	Lower	Upper	
75	100		
110	42.0	20.4	61.3
77	33.5	24.9	37.3





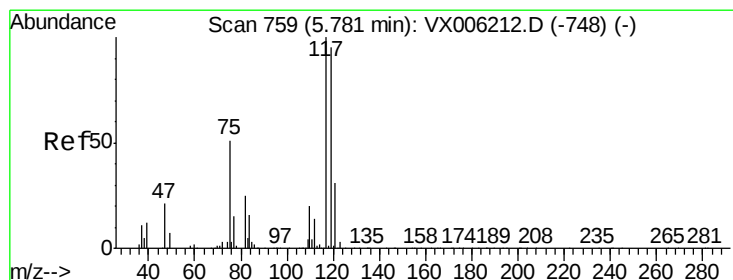
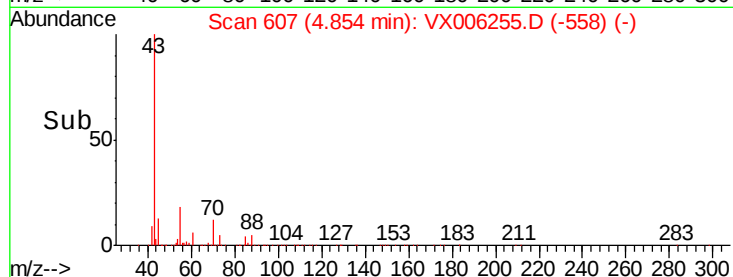
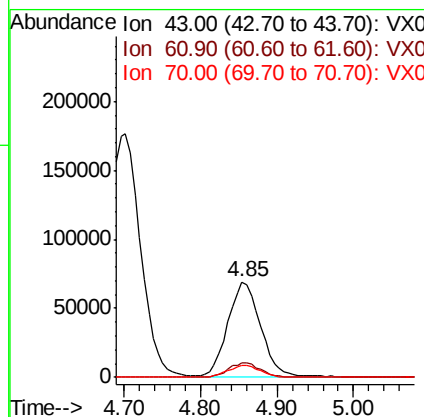
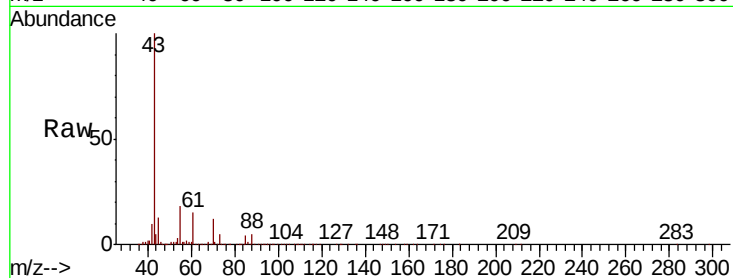
#37
Ethyl Acetate
Concen: 19.439 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.5	17.3
70	12.1	9.0	13.6

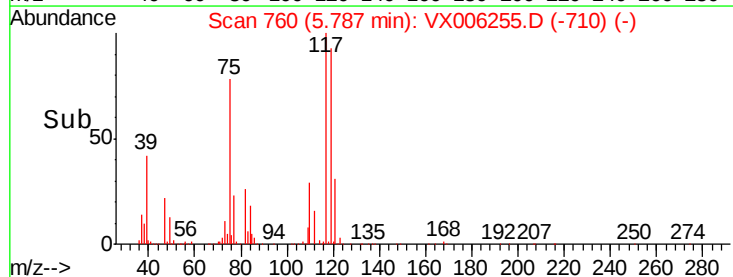
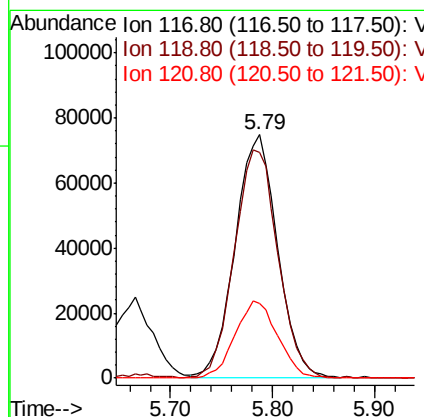
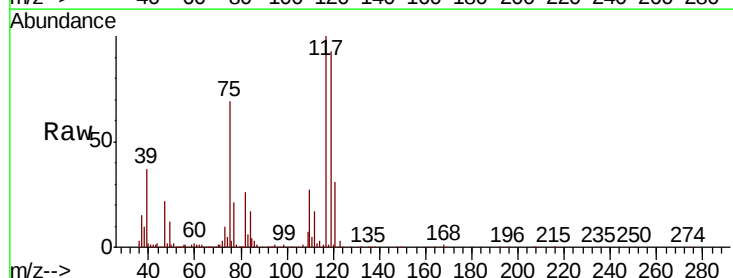
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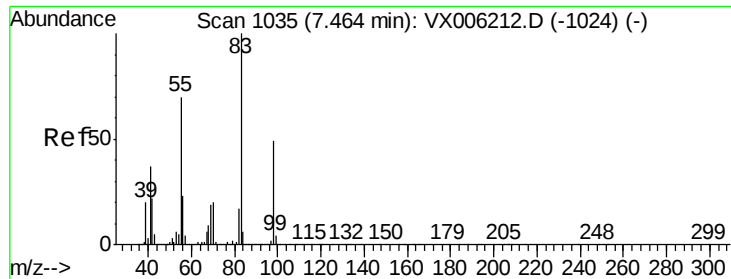
MMDadoda
12/4/2018 9:58:48 AM



#38
Carbon Tetrachloride
Concen: 19.603 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.5	75.8	113.8
121	30.7	24.6	37.0





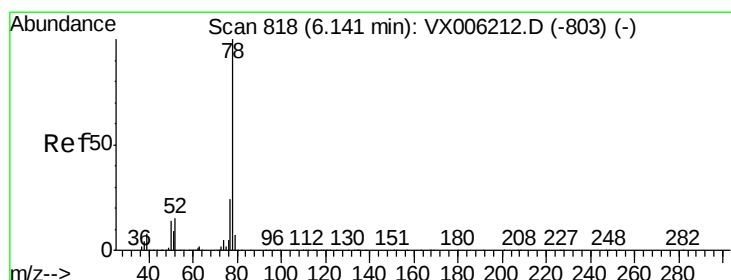
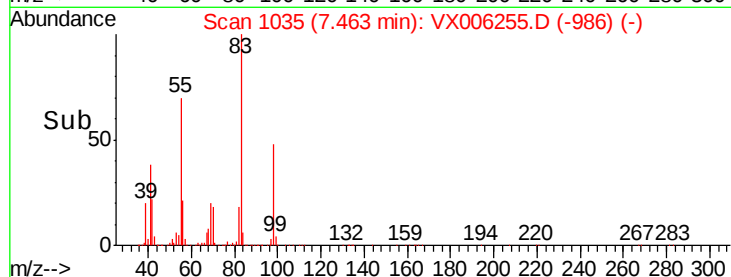
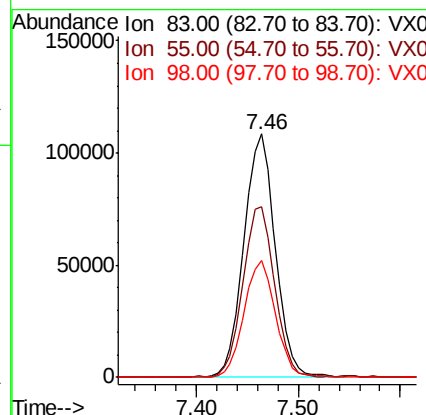
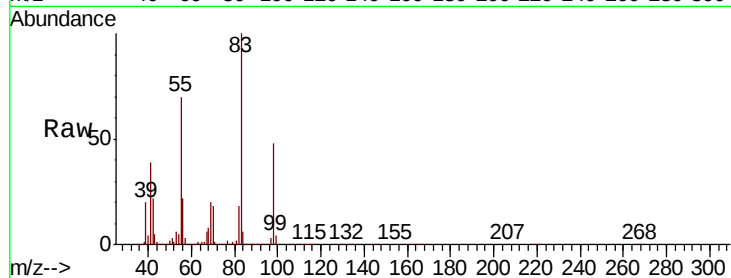
#39
Methylcyclohexane
Concen: 19.162 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	69.8	56.4	84.6
98	47.9	39.0	58.6

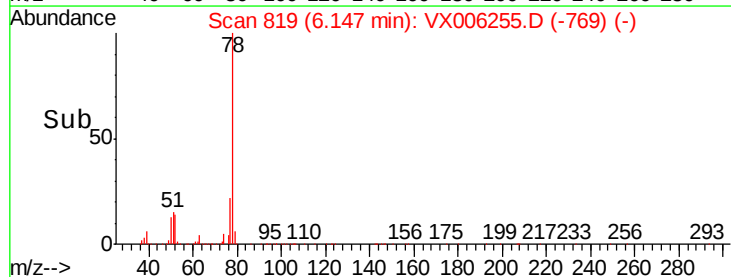
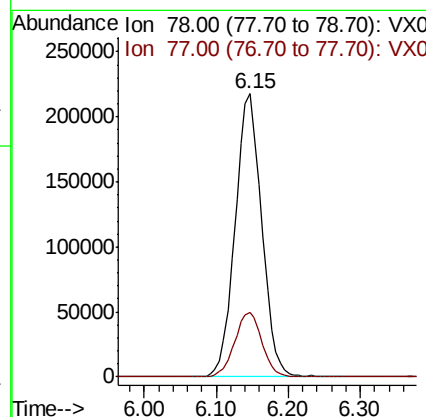
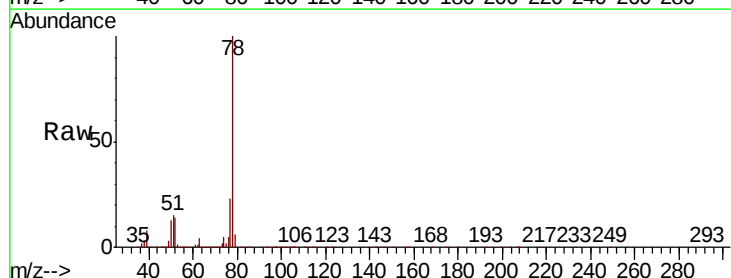
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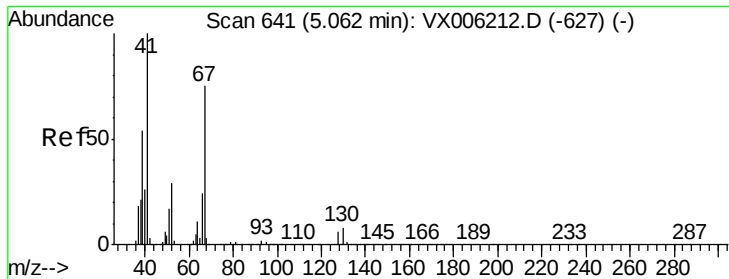
MMDadoda
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#40
Benzene
Concen: 19.894 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.2	28.8





#41

Methacrylonitrile

Concen: 19.144 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

Instrument :

MSVOA_X

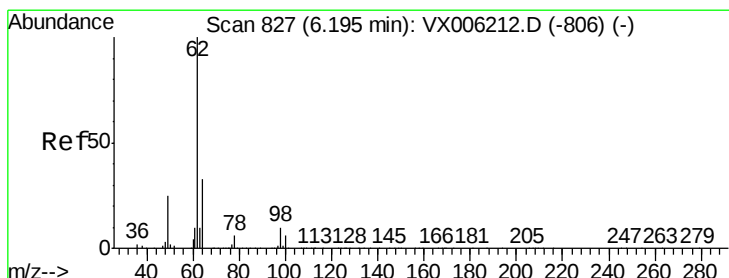
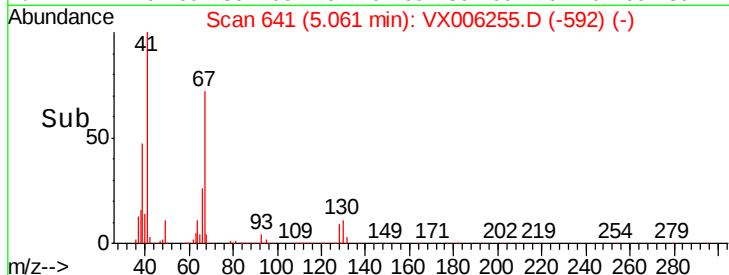
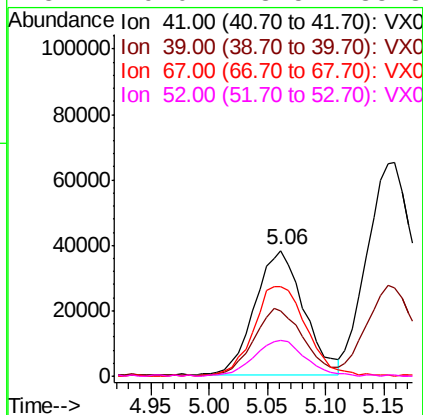
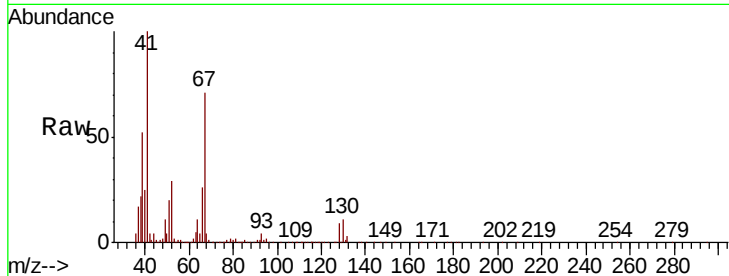
ClientSampleId :

VX1203WBS01

Manual Integrations
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MMDadoda
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Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.1	44.0	66.0	
67	77.8	61.4	92.0	
52	29.0	23.5	35.3	



#42

1,2-Dichloroethane

Concen: 20.357 ug/l

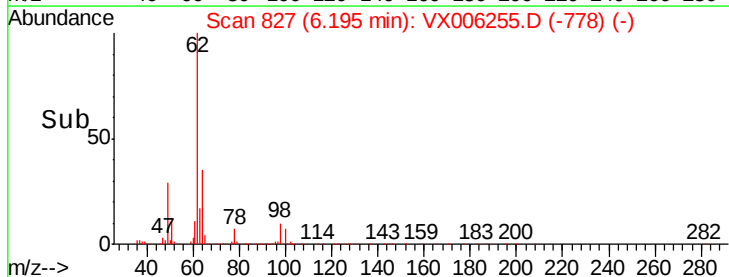
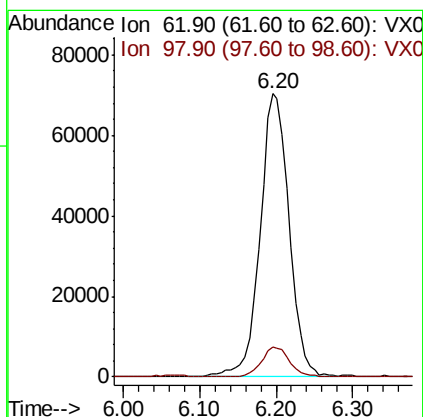
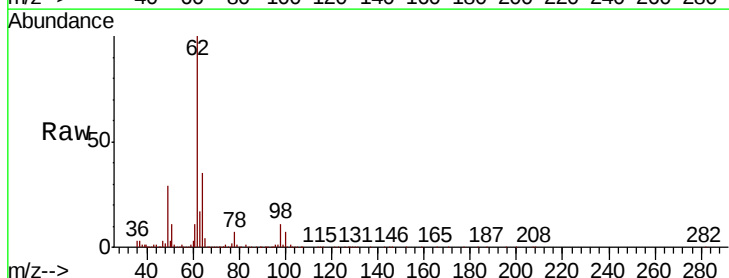
RT: 6.20 min Scan# 827

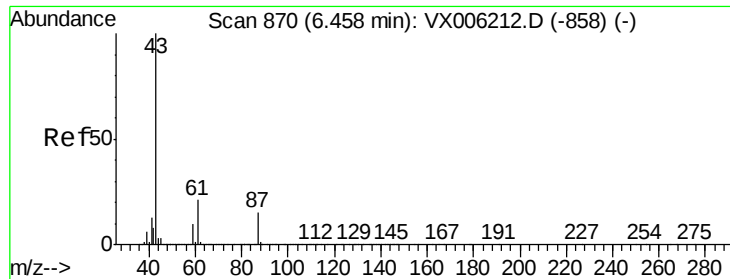
Delta R.T. -0.00 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	0.0	20.2	





#43

Isopropyl Acetate

Concen: 18.938 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

Instrument :

MSVOA_X

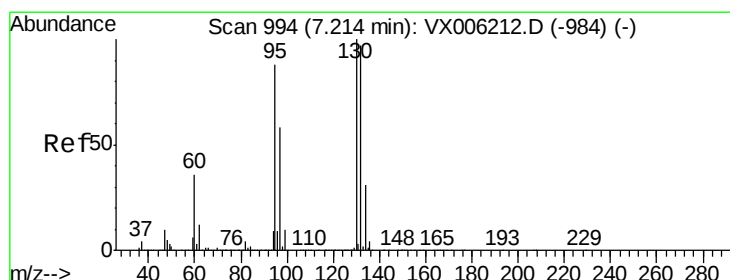
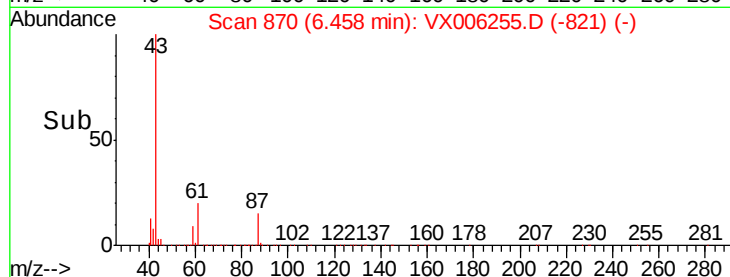
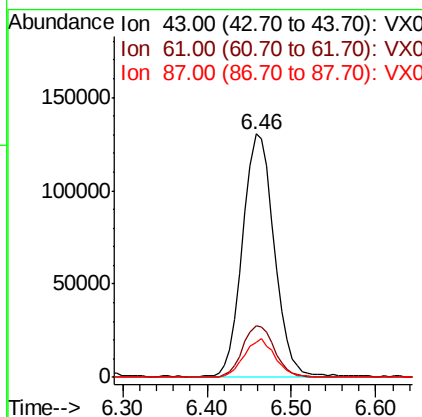
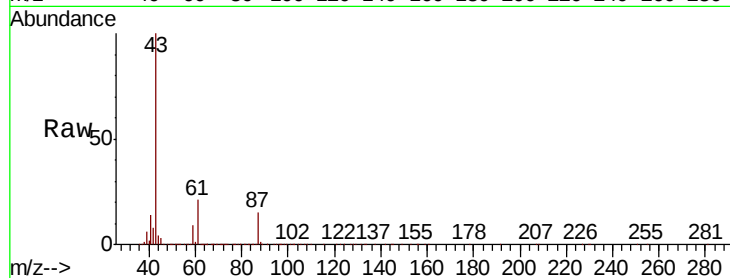
ClientSampleId :

VX1203WBS01

Tgt Ion:	43	Resp:	330017
Ion	Ratio	Lower	Upper
43	100		
61	21.5	16.8	25.2
87	15.5	11.9	17.9

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12/4/2018 9:58:48 AM



#44

Trichloroethene

Concen: 19.633 ug/l

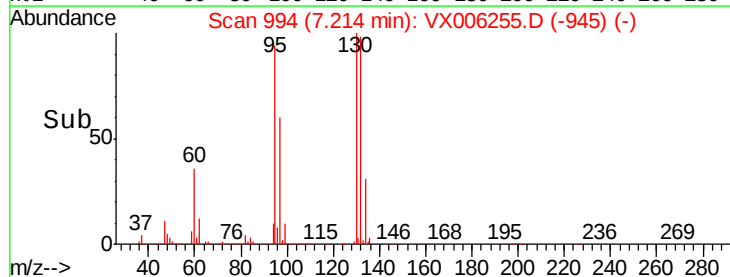
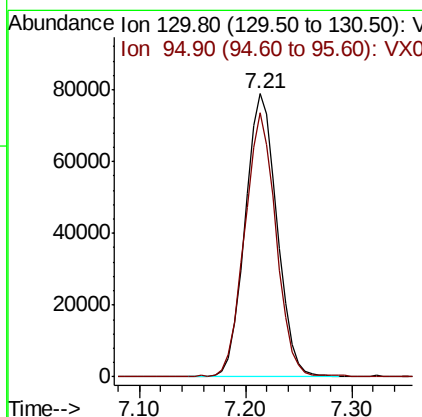
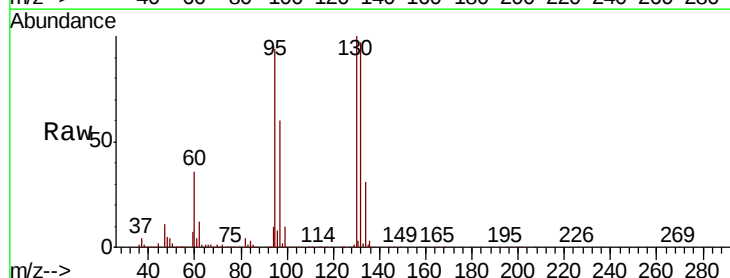
RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

Tgt Ion:	130	Resp:	166258
Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	175.8





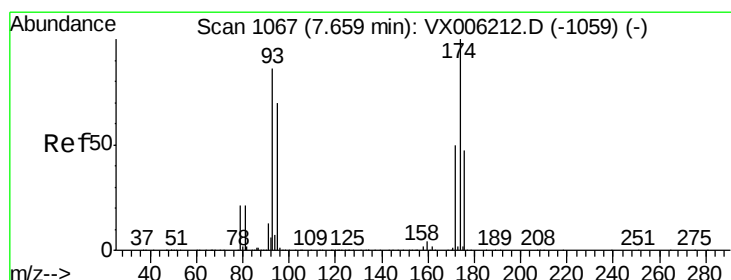
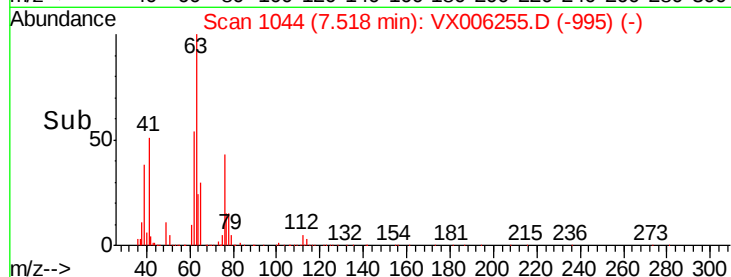
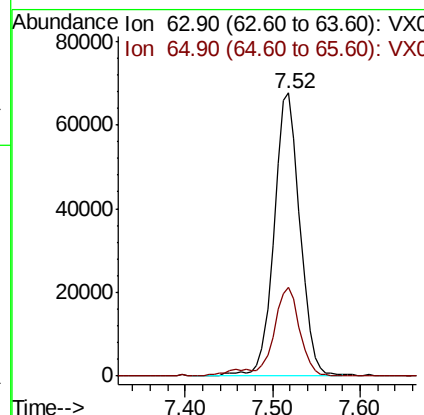
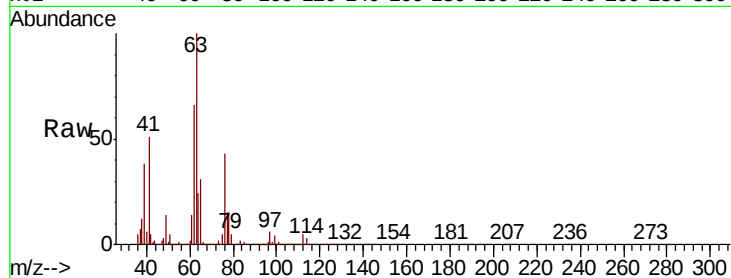
#45
 1,2-Dichloropropane
 Concen: 19.817 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX006255.D
 Acq: 03 Dec 2018 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBS01

Tgt Ion: 63 Resp: 140788
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.3 36.5

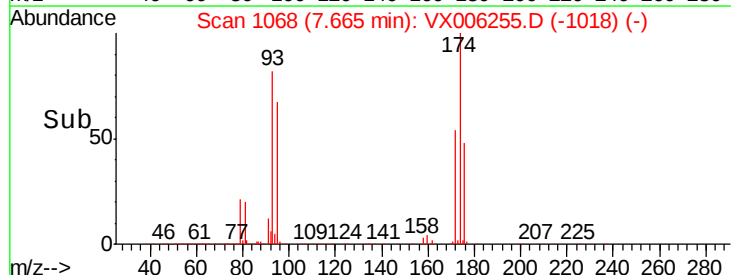
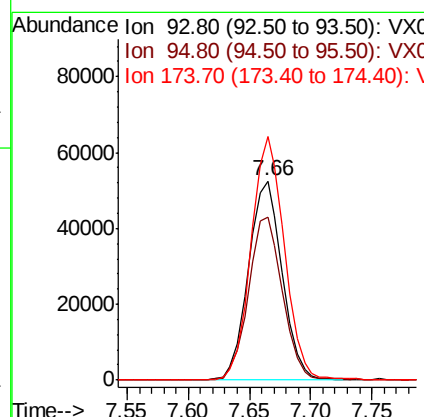
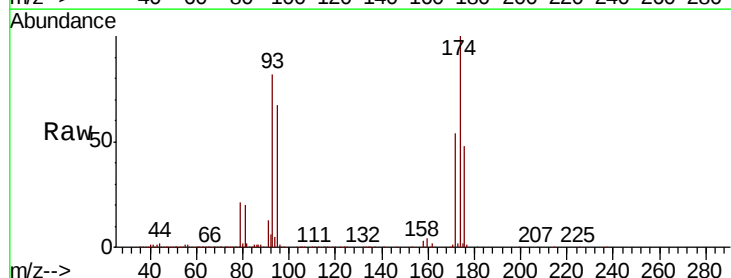
Manual Integrations
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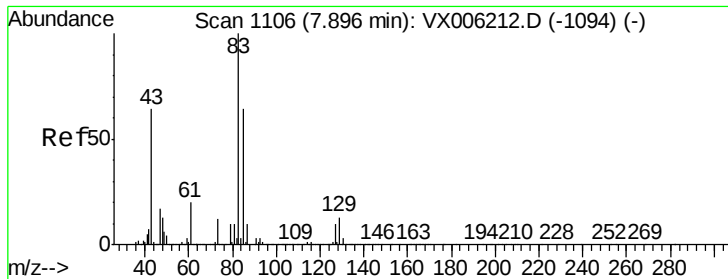
MMDadoda
 12/4/2018 9:58:48 AM



#46
 Dibromomethane
 Concen: 19.610 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006255.D
 Acq: 03 Dec 2018 16:04

Tgt Ion: 93 Resp: 100619
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.2 99.4
 174 121.3 97.2 145.8





#47

Bromodichloromethane

Concen: 20.098 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

Instrument :

MSVOA_X

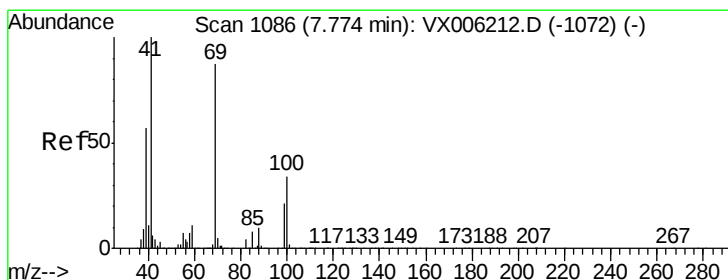
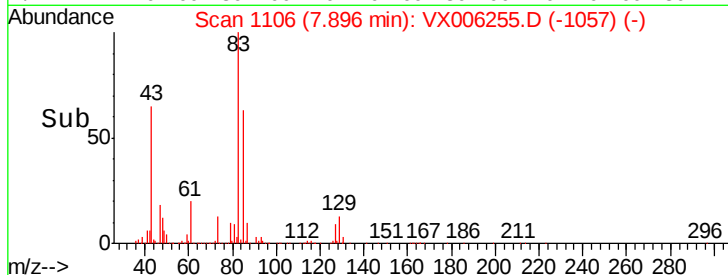
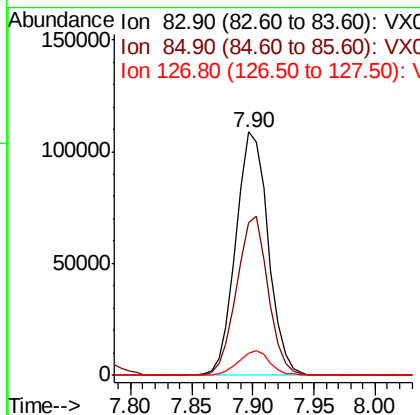
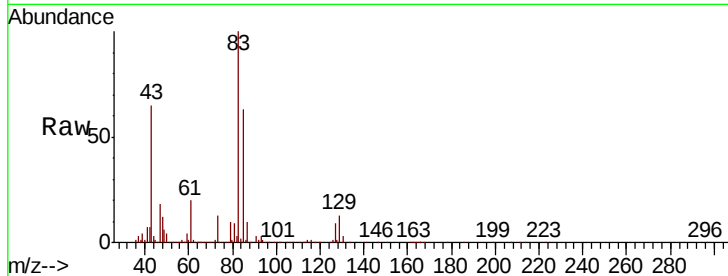
ClientSampleId :

VX1203WBS01

Tgt Ion:	83	Resp:	199702
Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.4	77.0
127	9.3	7.9	11.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.185 ug/l

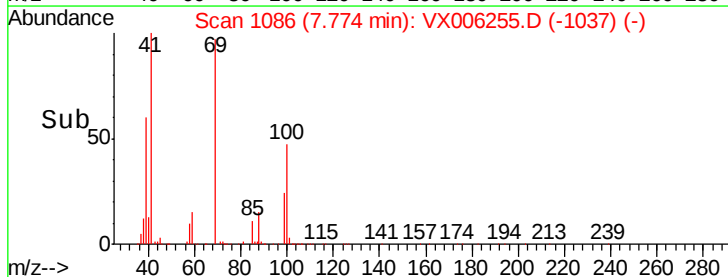
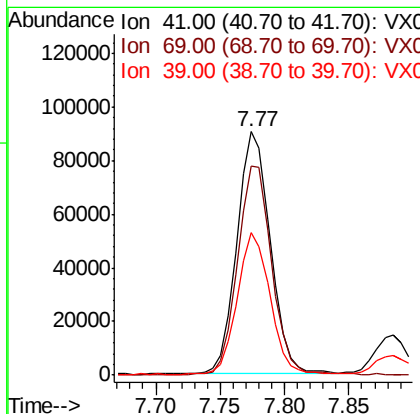
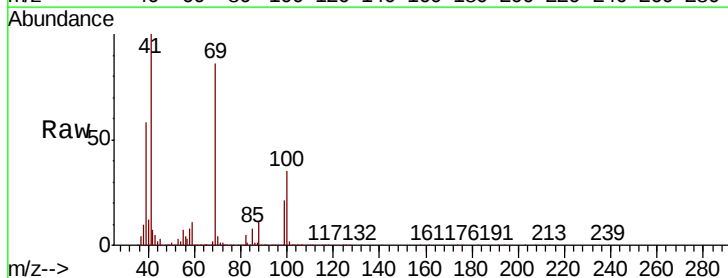
RT: 7.77 min Scan# 1086

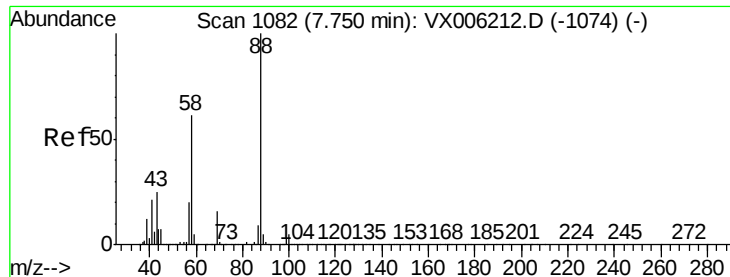
Delta R.T. -0.00 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

Tgt Ion:	41	Resp:	162641
Ion	Ratio	Lower	Upper
41	100		
69	88.1	70.3	105.5
39	57.0	45.3	67.9





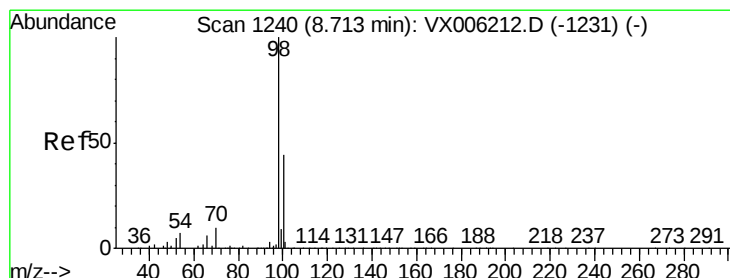
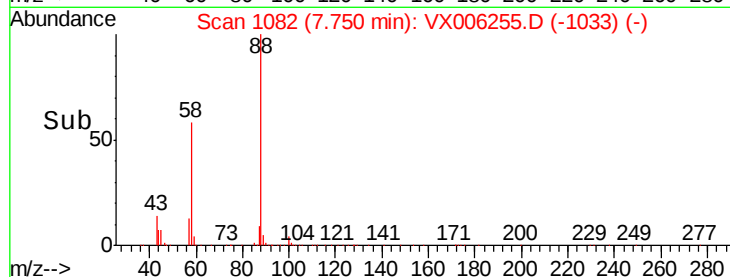
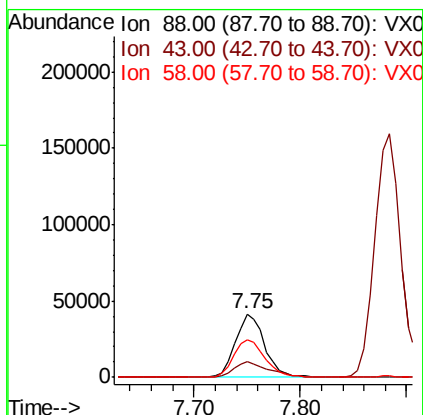
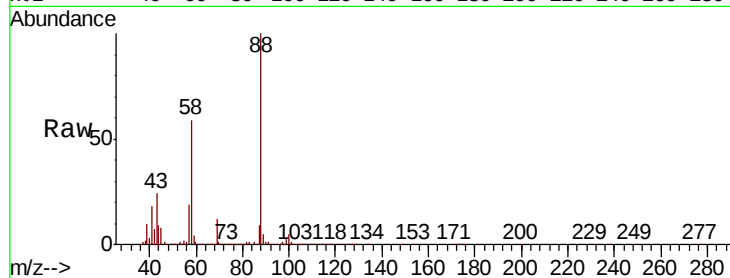
#49
1,4-Dioxane
Concen: 385.346 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	27.4	23.2	34.8
58	63.6	51.4	77.0

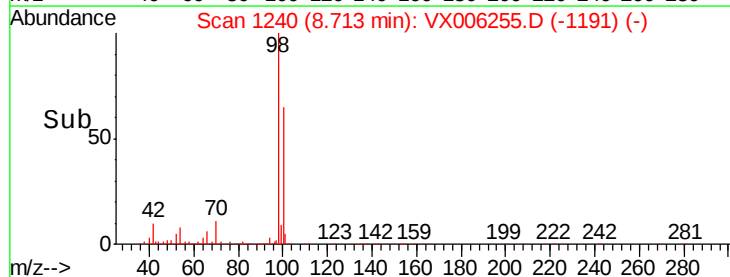
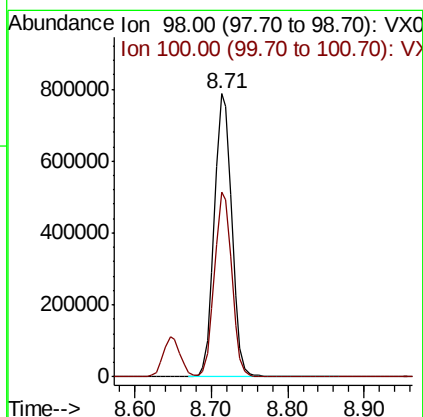
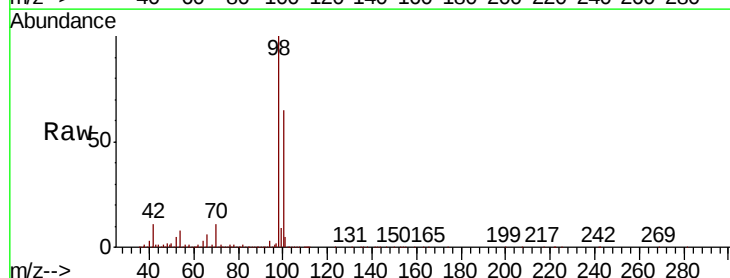
Manual Integrations
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12/4/2018 9:58:48 AM



#50
Toluene-d8
Concen: 47.842 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2





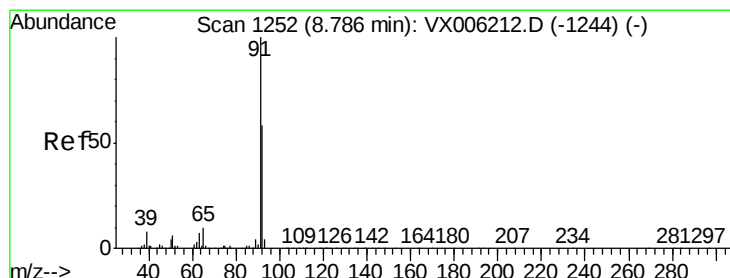
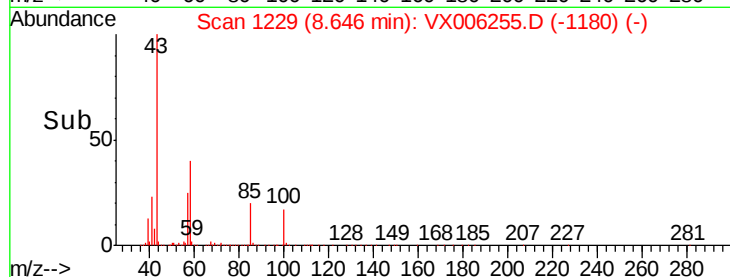
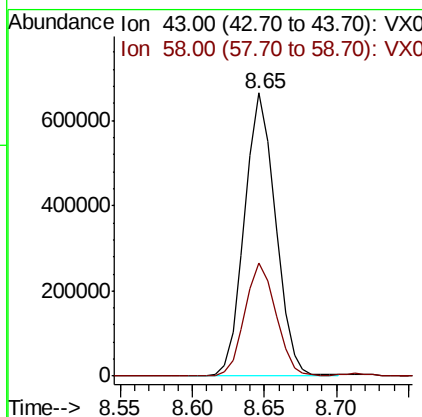
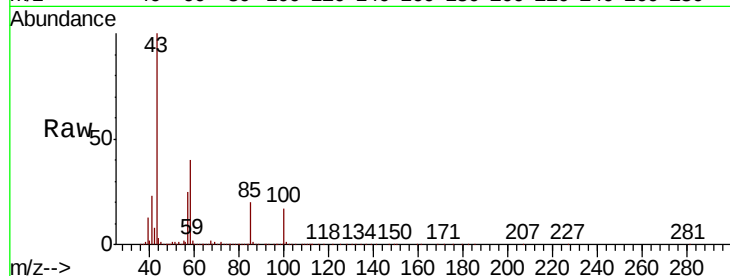
#51
 4-Methyl-2-Pentanone
 Concen: 97.800 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX006255.D
 Acq: 03 Dec 2018 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBS01

Tgt Ion: 43 Resp: 992145
 Ion Ratio Lower Upper
 43 100
 58 40.0 31.3 46.9

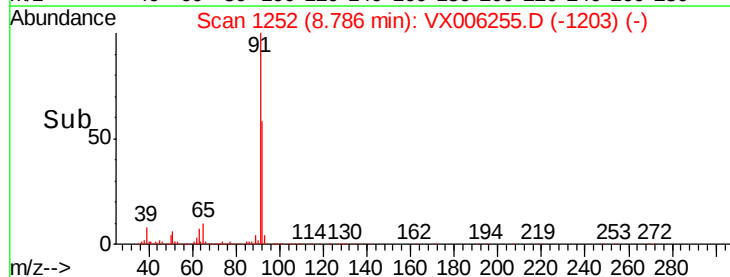
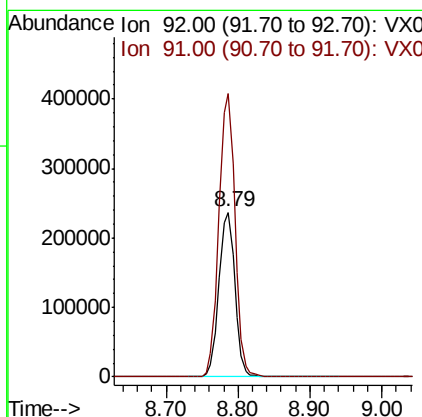
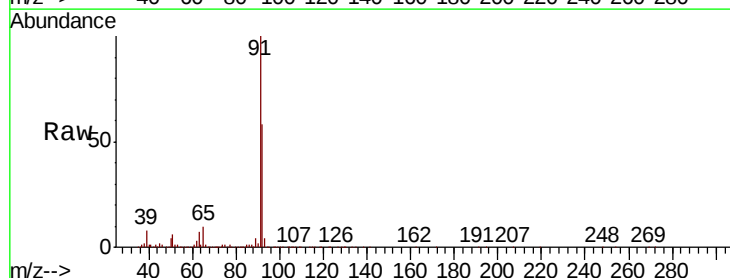
Manual Integrations
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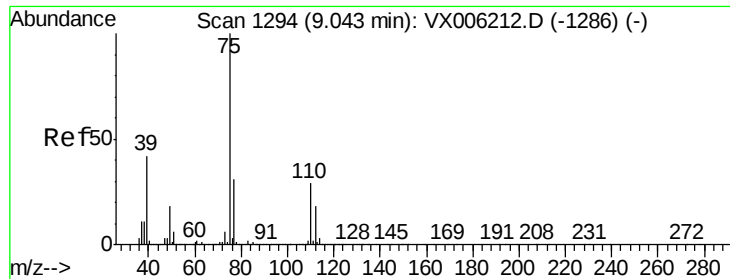
MMDadoda
 12/4/2018 9:58:48 AM



#52
 Toluene
 Concen: 19.910 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX006255.D
 Acq: 03 Dec 2018 16:04

Tgt Ion: 92 Resp: 366157
 Ion Ratio Lower Upper
 92 100
 91 172.1 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 18.941 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBS01

Tgt Ion: 75 Resp: 220102

Ion Ratio Lower Upper

75 100

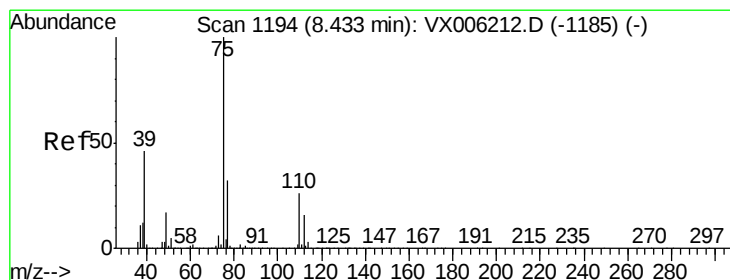
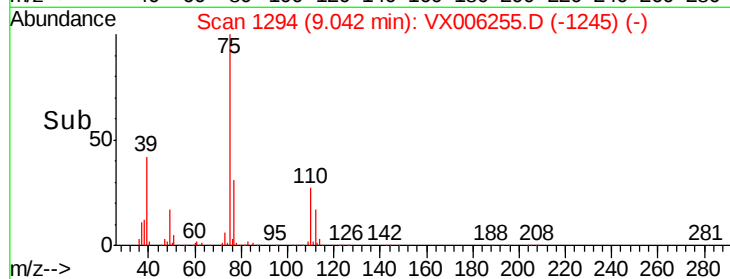
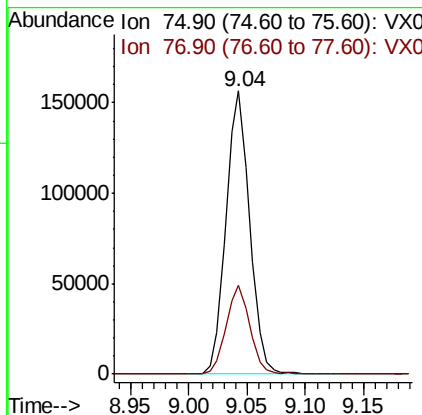
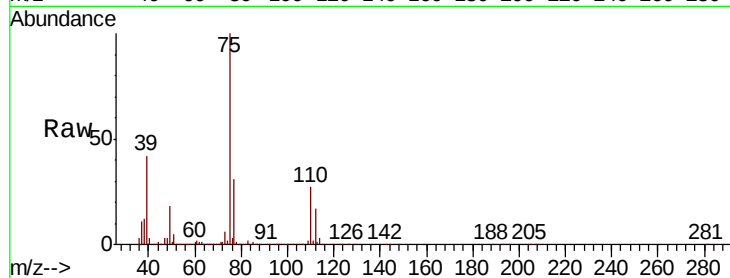
77 31.1 25.0 37.4

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.162 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

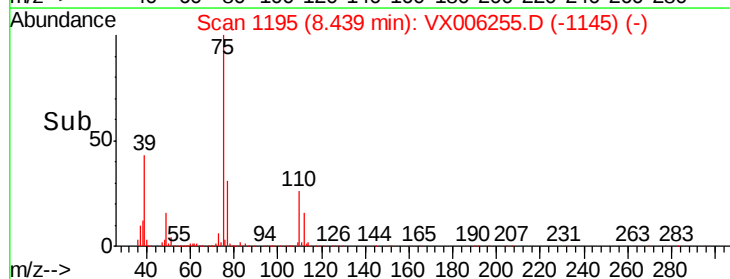
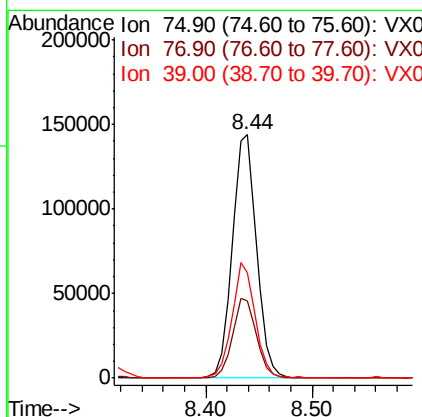
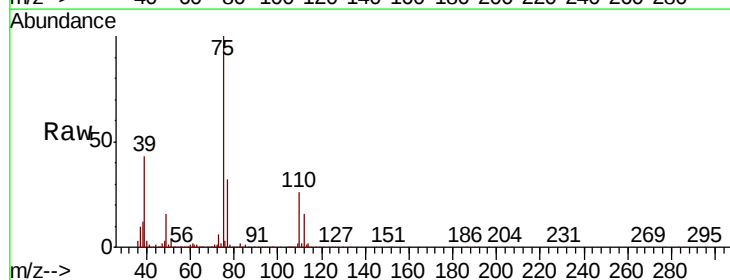
Tgt Ion: 75 Resp: 231222

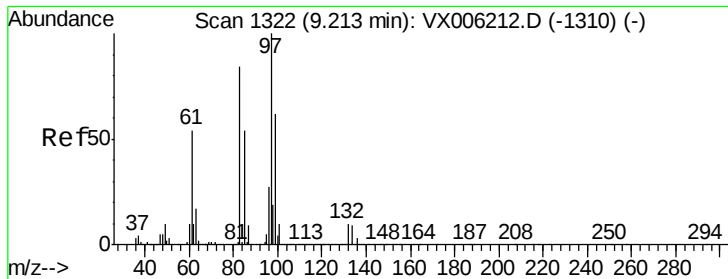
Ion Ratio Lower Upper

75 100

77 31.4 25.6 38.4

39 43.1 36.5 54.7





#55

1,1,2-Trichloroethane

Concen: 20.534 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

Instrument :

MSVOA_X

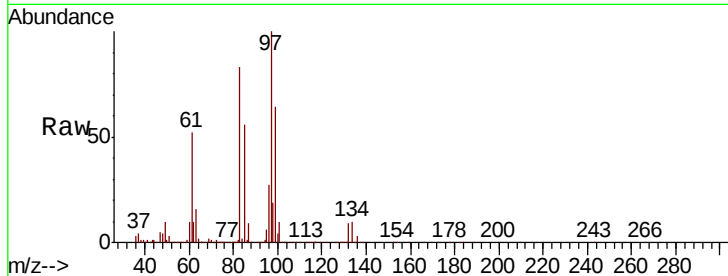
ClientSampleId :

VX1203WBS01

Tgt Ion:	97	Resp:	153413
Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.1	100.7
85	55.9	43.2	64.8
99	63.9	49.8	74.6

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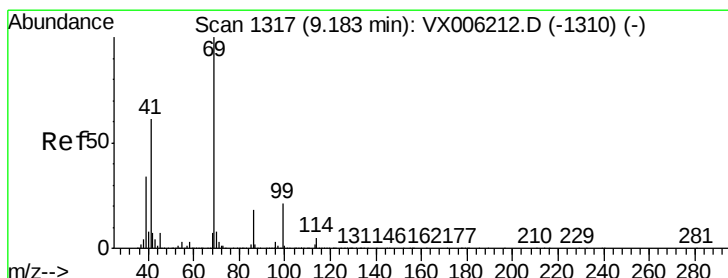
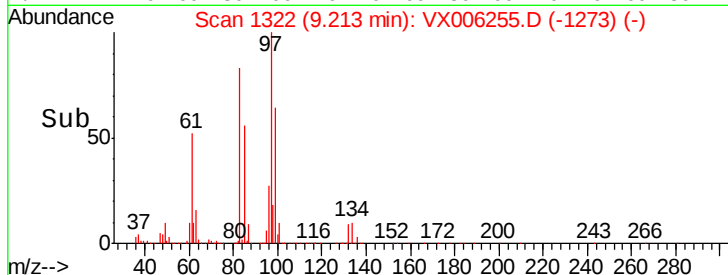
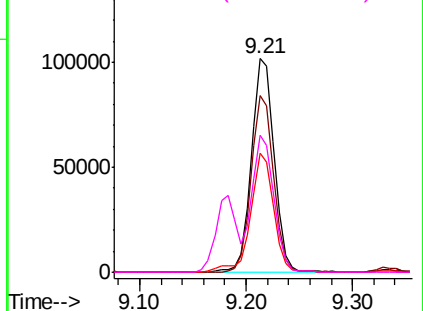
Abundance

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: 19.573 ug/l

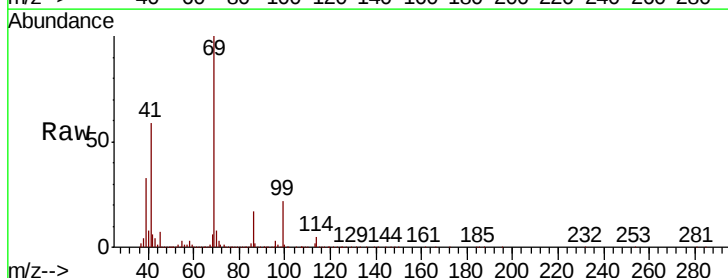
RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

Tgt Ion:	69	Resp:	228610
Ion	Ratio	Lower	Upper
69	100		
41	61.2	50.6	76.0
39	33.7	27.6	41.4

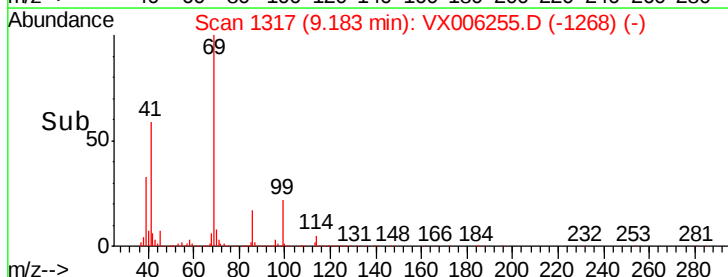
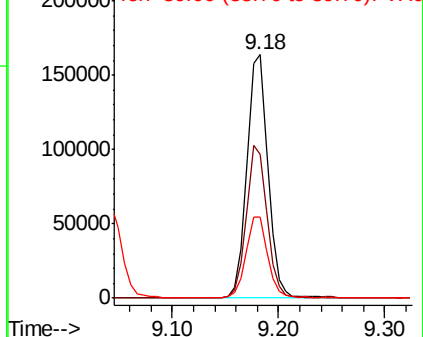


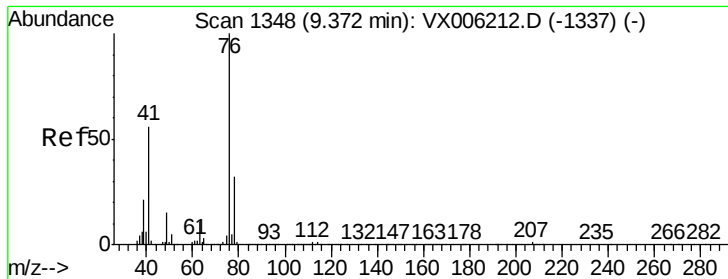
Abundance

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: 20.019 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBS01

Tgt Ion: 76 Resp: 236515

Ion Ratio Lower Upper

76 100

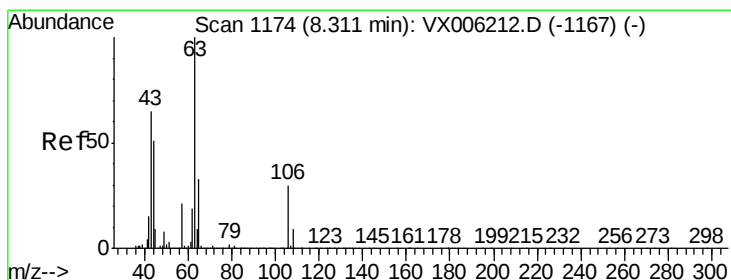
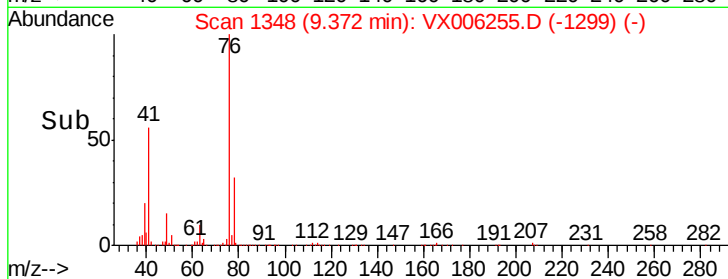
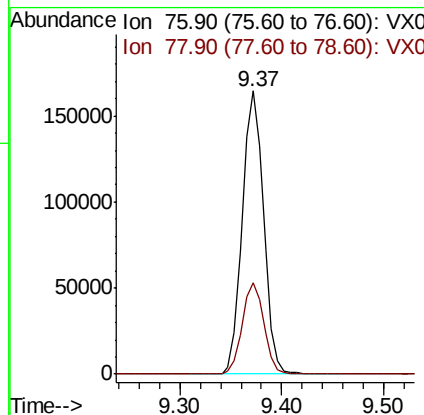
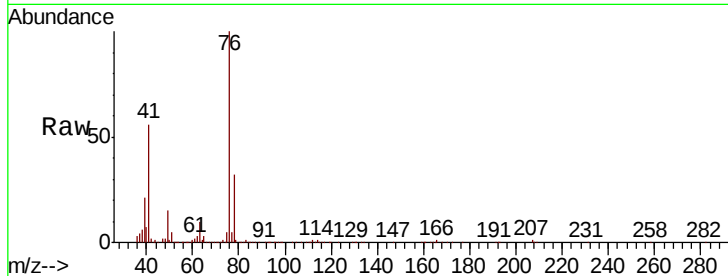
78 32.5 26.1 39.1

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#58

2-Chloroethyl Vinyl ether

Concen: 98.532 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006255.D

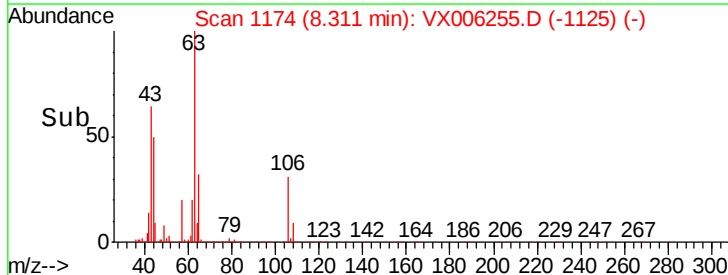
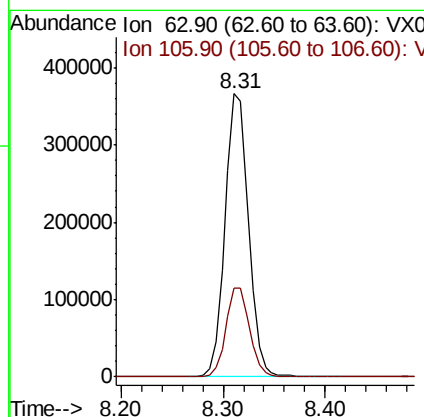
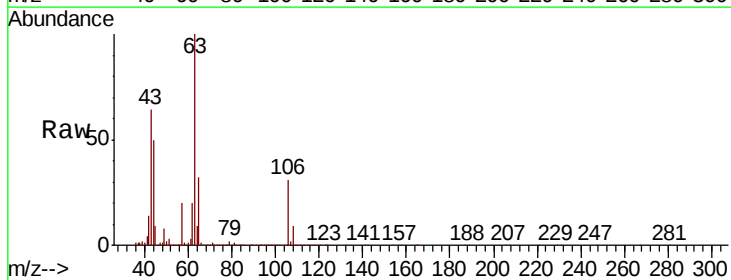
Acq: 03 Dec 2018 16:04

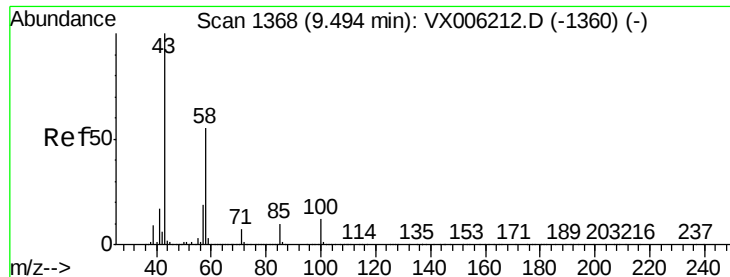
Tgt Ion: 63 Resp: 584002

Ion Ratio Lower Upper

63 100

106 31.6 24.9 37.3





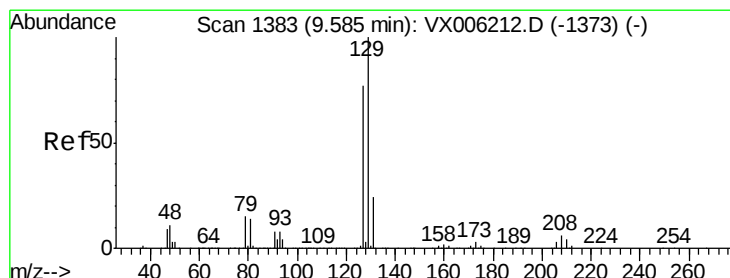
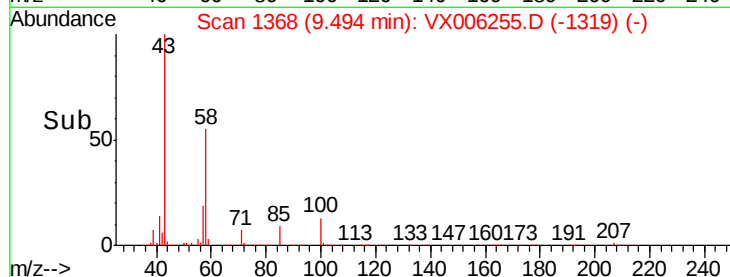
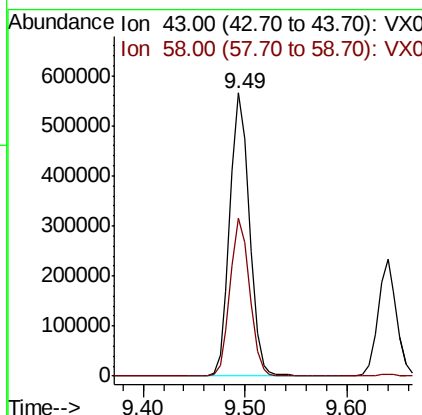
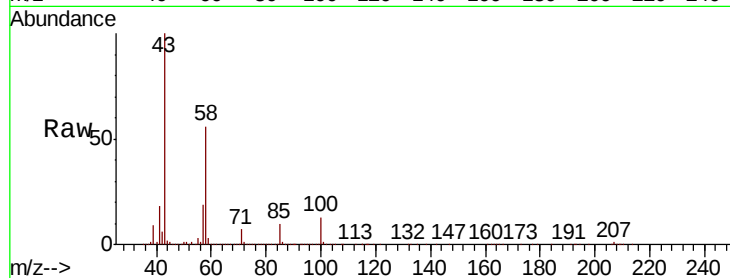
#59
2-Hexanone
Concen: 96.786 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tgt Ion: 43 Resp: 750136
Ion Ratio Lower Upper
43 100
58 55.5 27.7 83.1

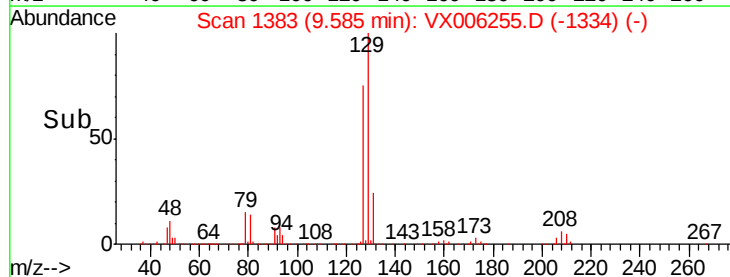
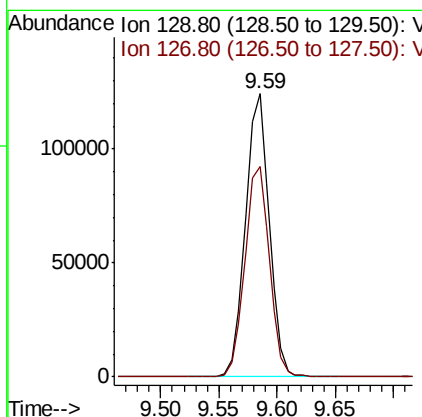
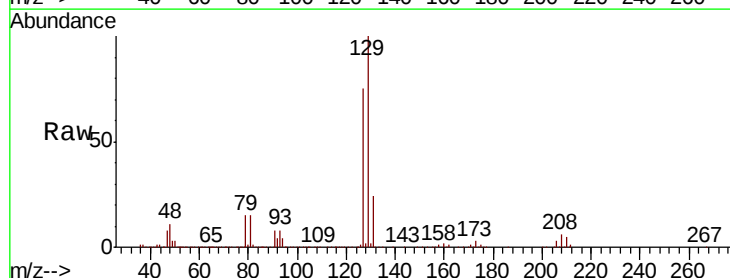
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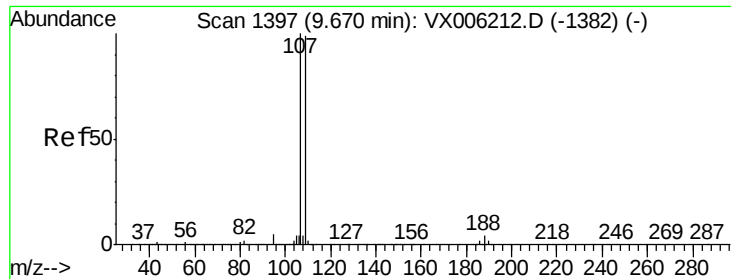
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12/4/2018 9:58:48 AM



#60
Dibromochloromethane
Concen: 19.344 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Tgt Ion: 129 Resp: 178214
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8





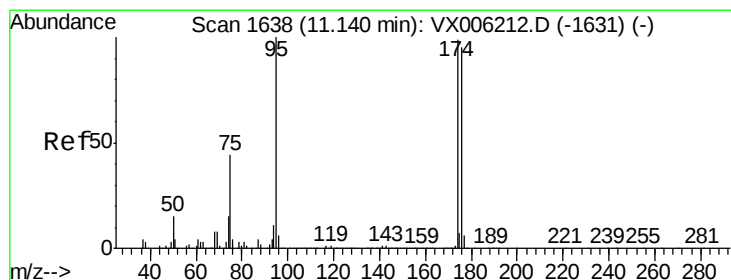
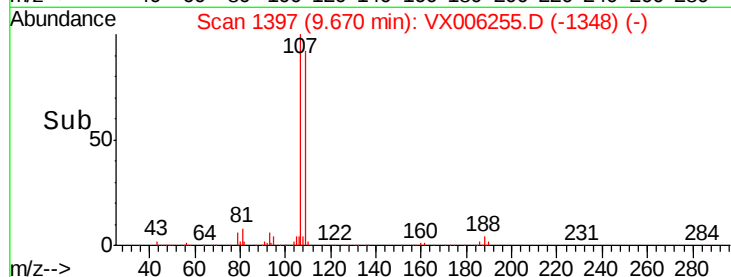
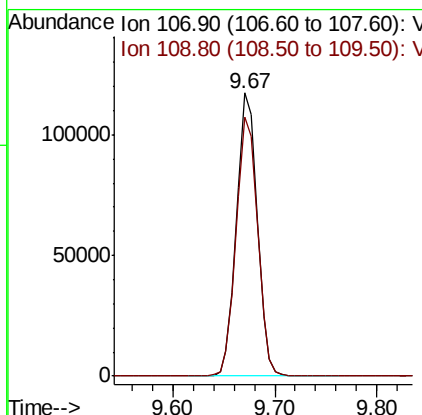
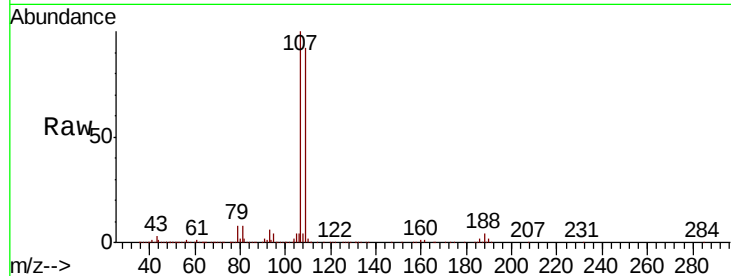
#61
 1,2-Dibromoethane
 Concen: 19.732 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX006255.D
 Acq: 03 Dec 2018 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBS01

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.9	76.3	114.5

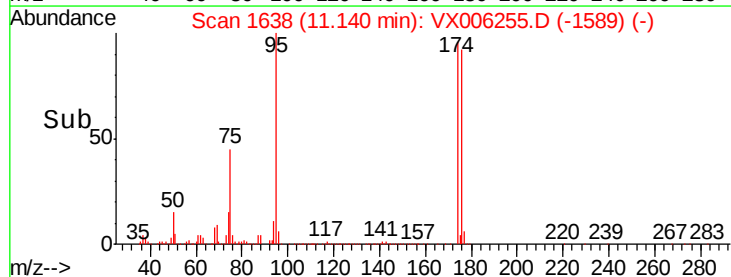
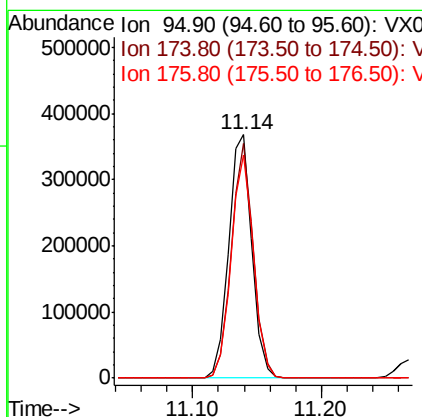
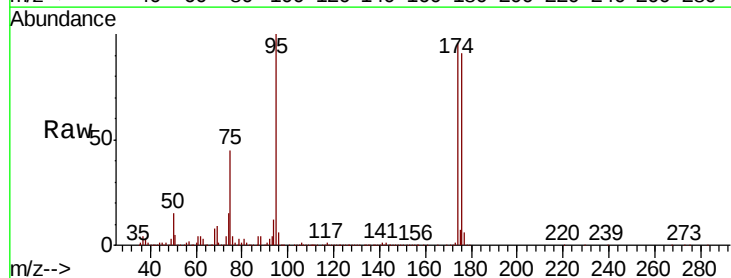
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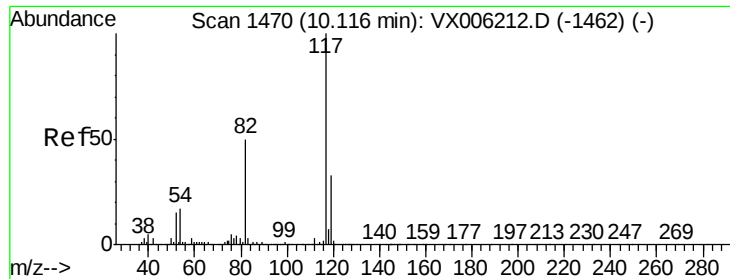
MMDadoda
 12/4/2018 9:58:48 AM



#62
 4-Bromofluorobenzene
 Concen: 47.318 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX006255.D
 Acq: 03 Dec 2018 16:04

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.3	0.0	187.0
176	88.4	0.0	181.8





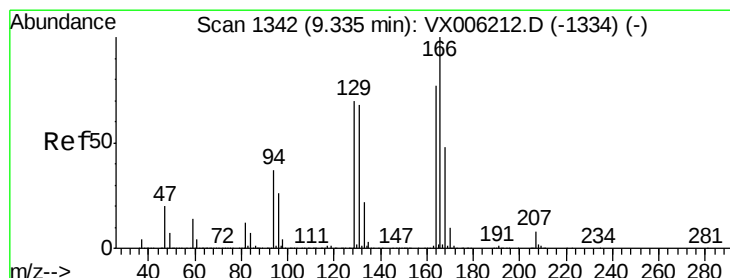
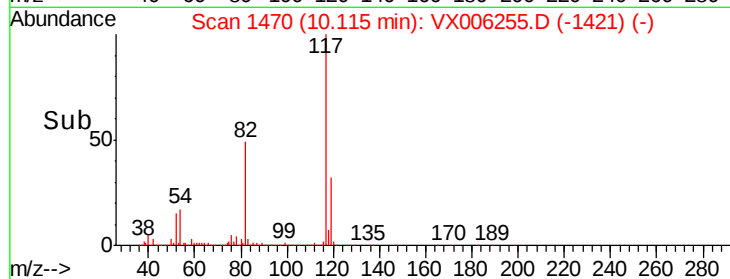
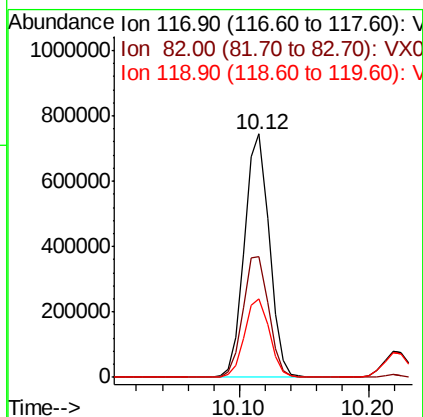
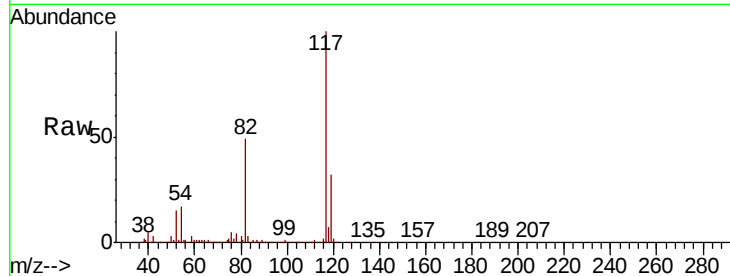
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	988674		
82	49.4	39.6	59.4	
119	32.2	26.3	39.5	

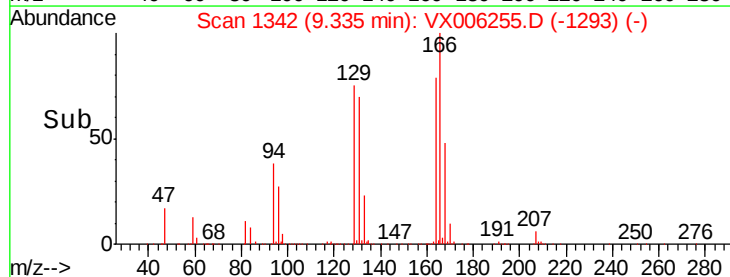
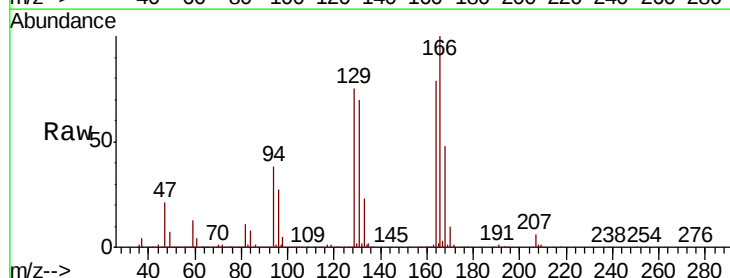
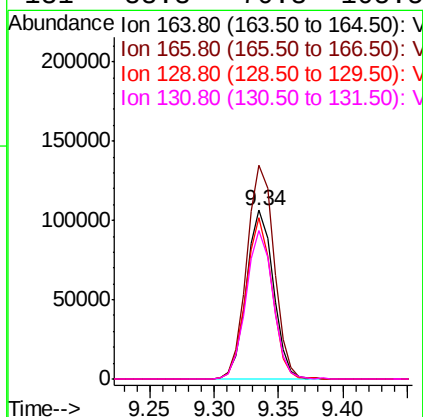
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#64
Tetrachloroethene
Concen: 20.581 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	153237		
166	126.4	104.2	156.2	
129	95.4	72.6	108.8	
131	88.3	70.3	105.5	





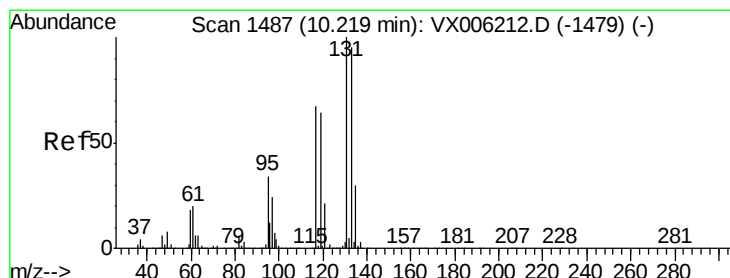
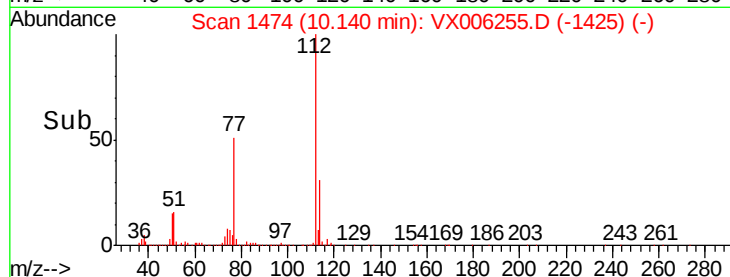
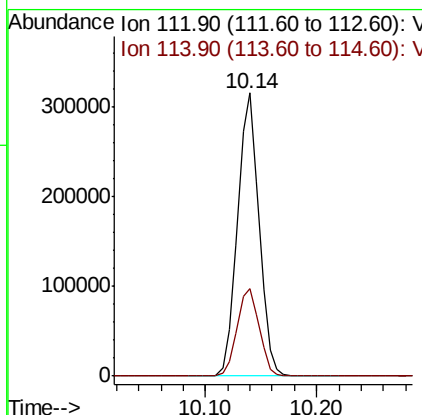
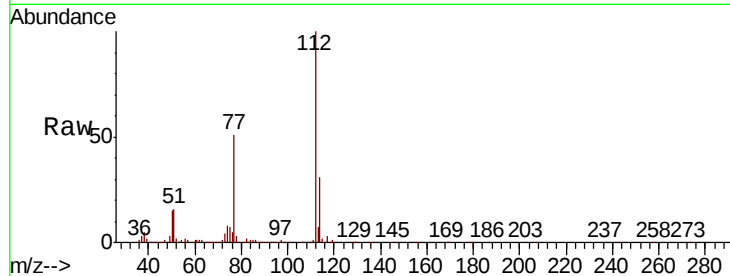
#65
Chlorobenzene
Concen: 20.135 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tgt Ion:112 Resp: 422584
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.2

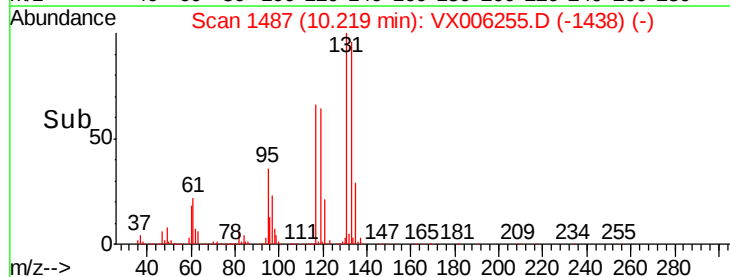
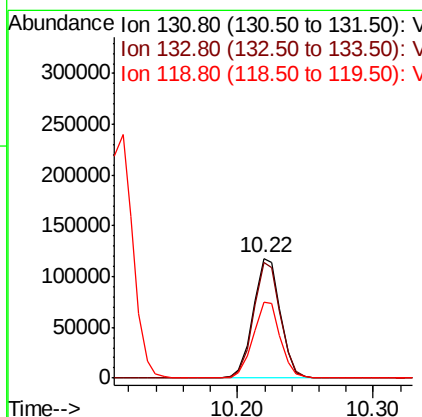
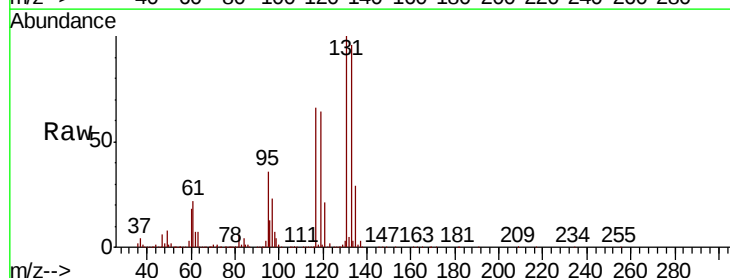
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.280 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Tgt Ion:131 Resp: 165373
Ion Ratio Lower Upper
131 100
133 95.4 48.1 144.4
119 63.7 32.1 96.3





#67

Ethyl Benzene

Concen: 19.683 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBS01

Tgt Ion: 91 Resp: 687064

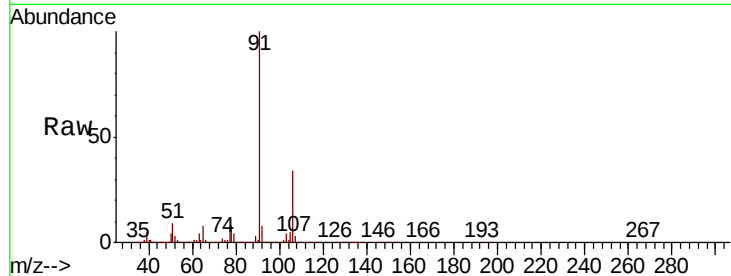
Ion Ratio Lower Upper

91 100

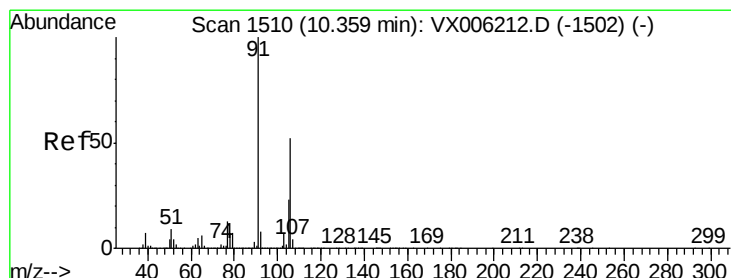
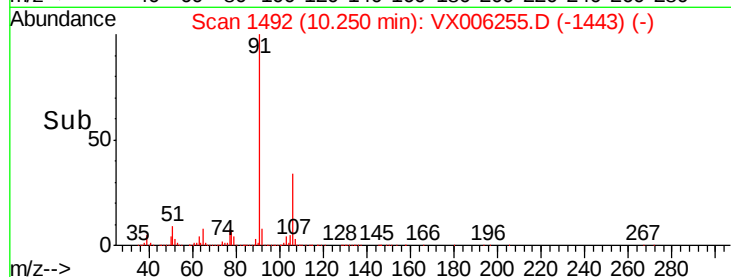
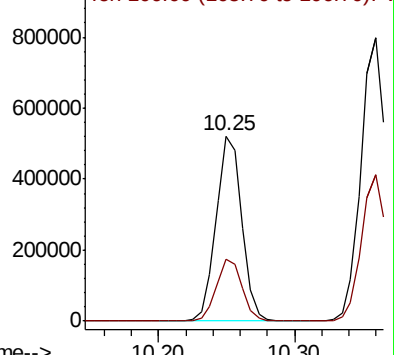
106 33.6 26.5 39.7

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Abundance Ion 91.00 (90.70 to 91.70): VX006212.D (-1485) (-)



#68

m/p-Xylenes

Concen: 39.009 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006255.D

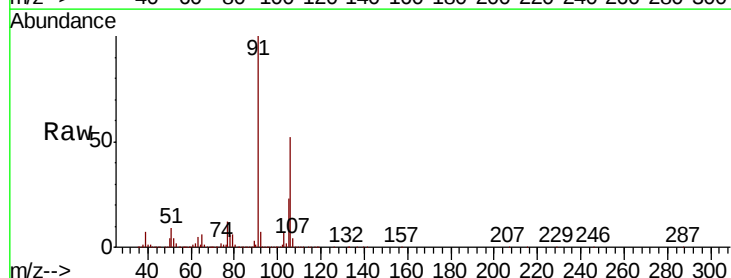
Acq: 03 Dec 2018 16:04

Tgt Ion: 106 Resp: 545446

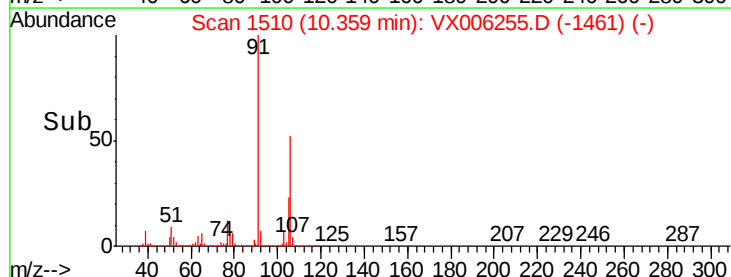
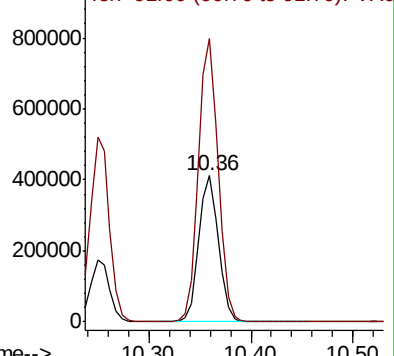
Ion Ratio Lower Upper

106 100

91 194.2 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): VX006212.D (-1502) (-)





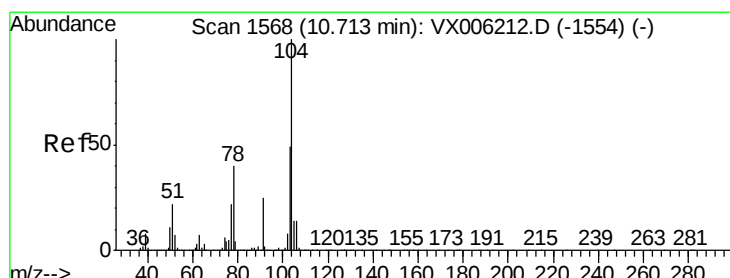
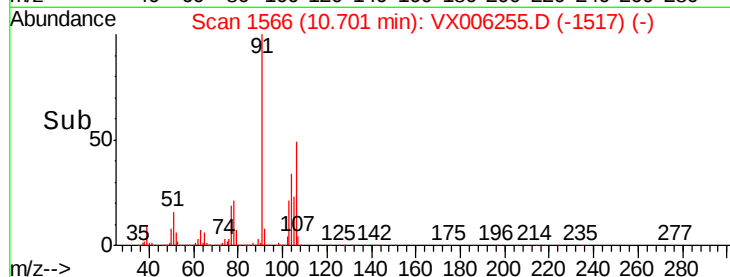
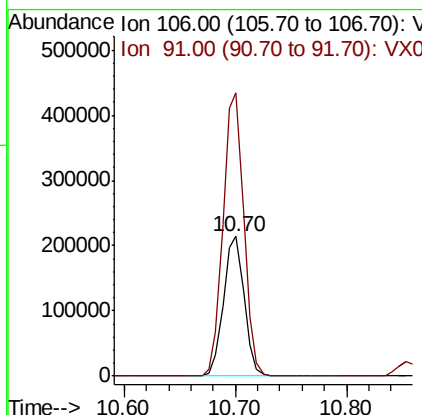
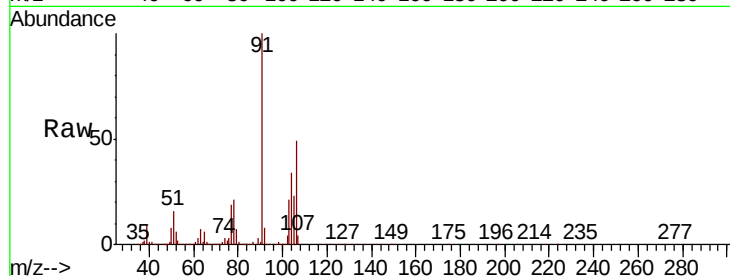
#69
o-Xylene
Concen: 19.888 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tgt Ion:106 Resp: 274674
Ion Ratio Lower Upper
106 100
91 203.3 101.8 305.6

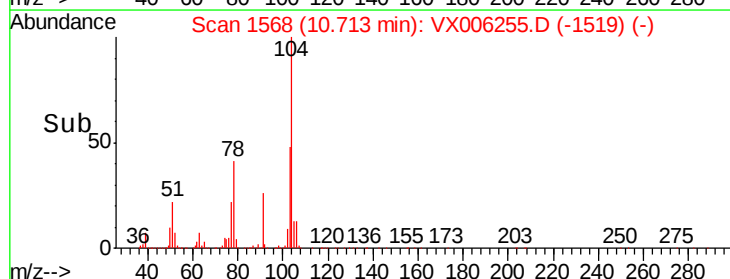
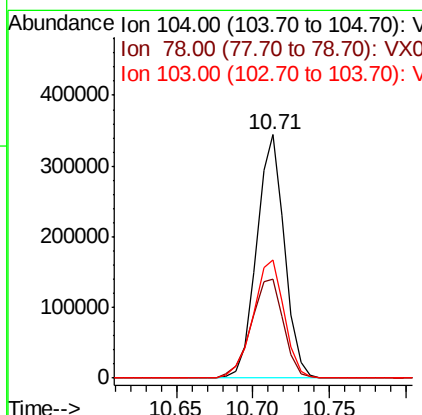
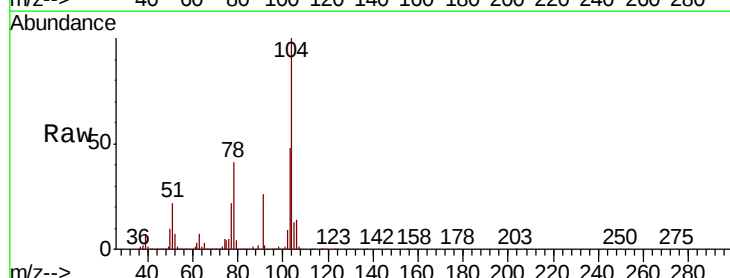
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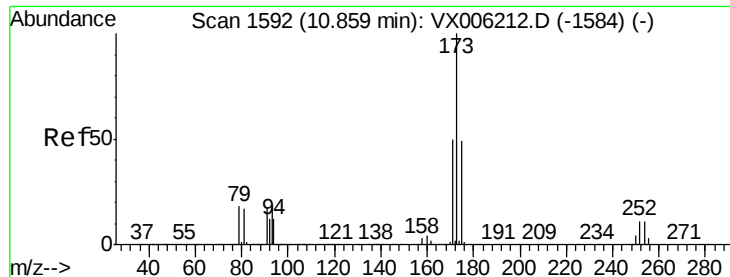
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#70
Styrene
Concen: 19.504 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Tgt Ion:104 Resp: 435674
Ion Ratio Lower Upper
104 100
78 47.2 37.2 55.8
103 54.3 43.5 65.3





#71

Bromoform

Concen: 18.948 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBS01

Tgt Ion:173 Resp: 145852
Ion Ratio Lower Upper

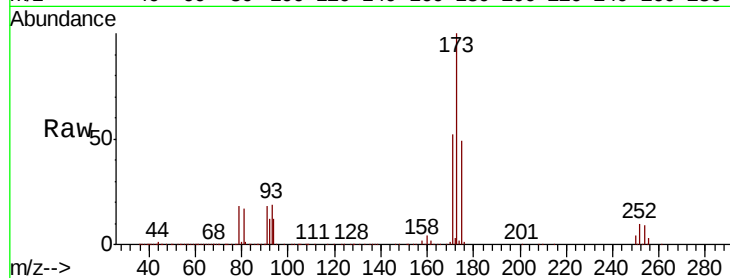
173 100

175 49.5 24.6 73.8

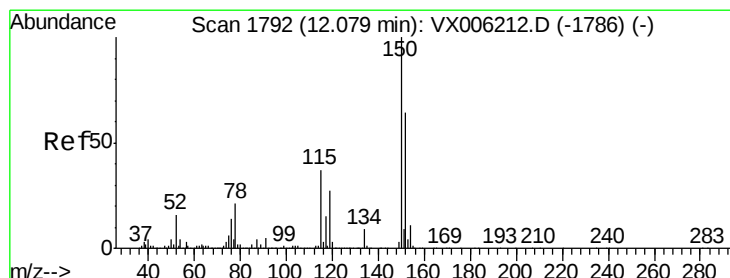
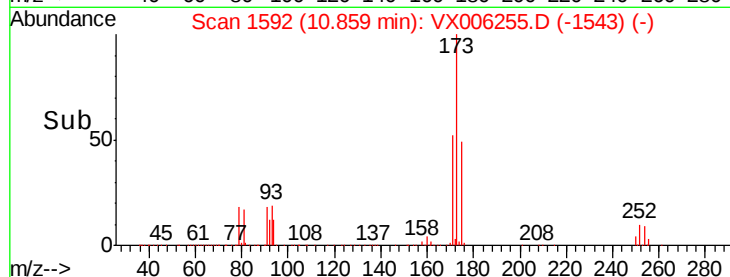
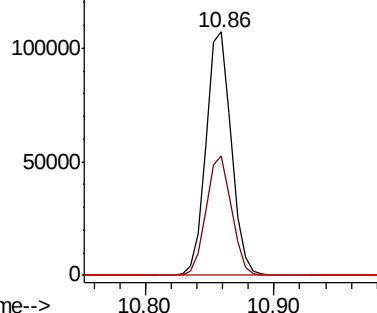
254 0.2 0.2 0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006255.D

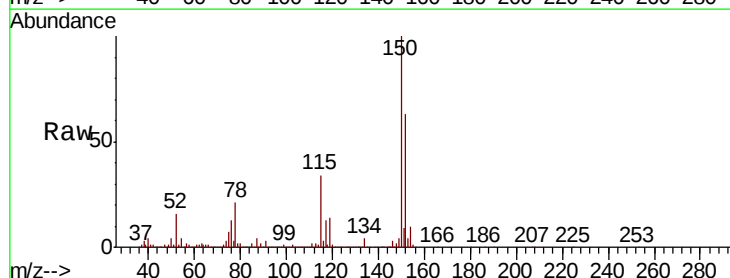
Acq: 03 Dec 2018 16:04

Tgt Ion:152 Resp: 502914
Ion Ratio Lower Upper

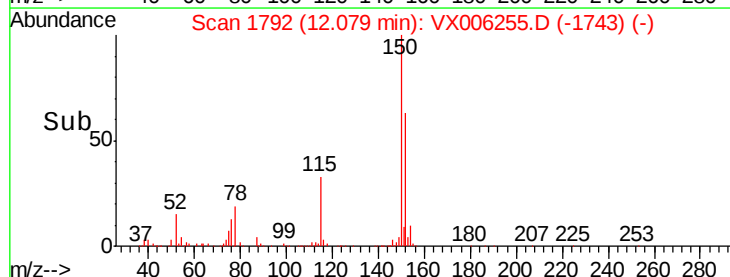
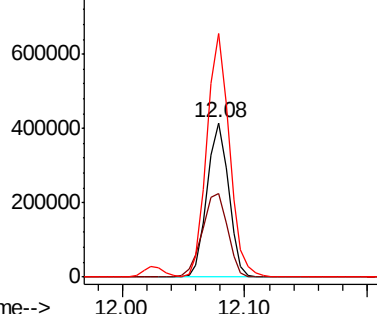
152 100

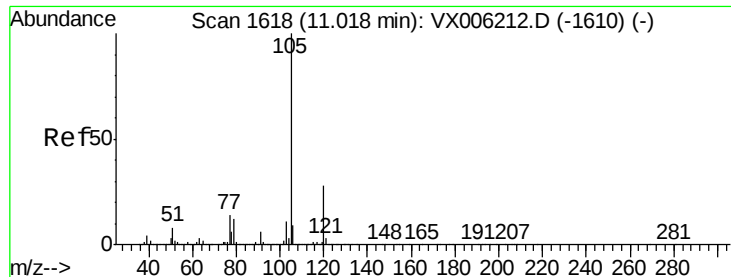
115 63.7 39.0 116.9

150 164.4 0.0 345.8



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





#73

Isopropylbenzene

Concen: 20.640 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBS01

Tgt Ion: 105 Resp: 716858

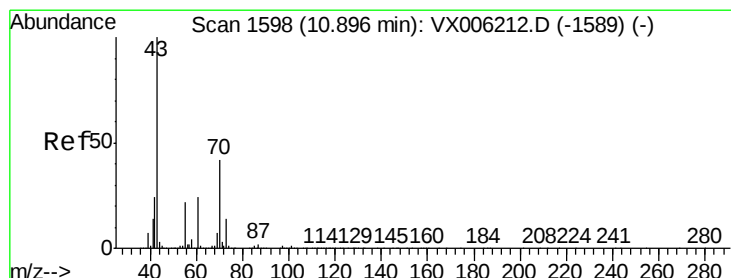
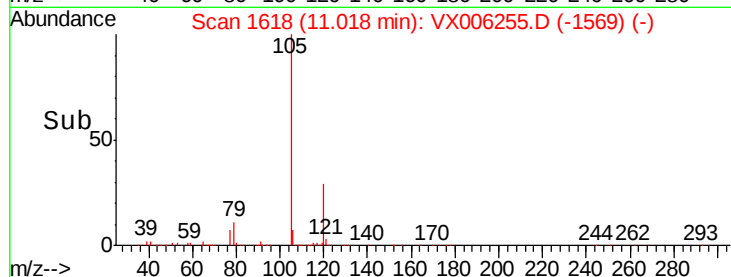
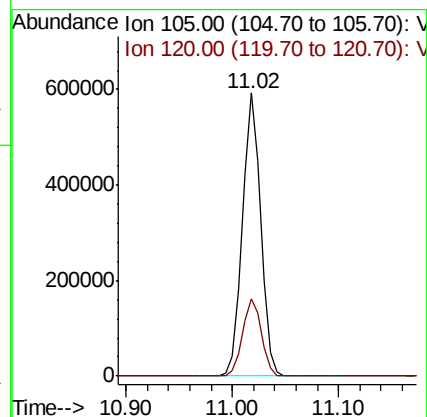
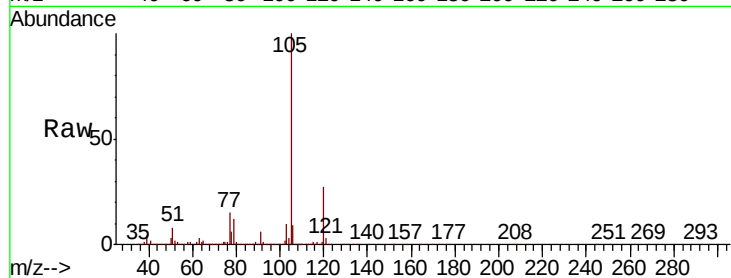
Ion Ratio Lower Upper

105 100

120 28.3 14.1 42.3

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#74

N-ethyl acetate

Concen: 19.581 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

Tgt Ion: 43 Resp: 292847

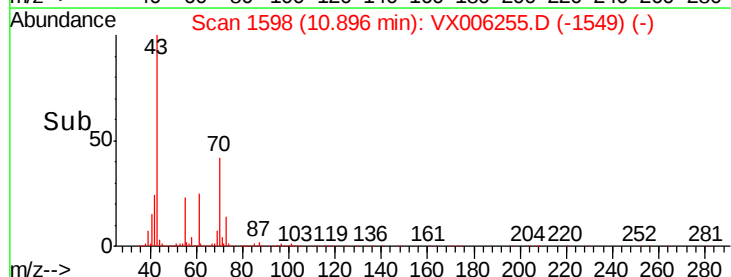
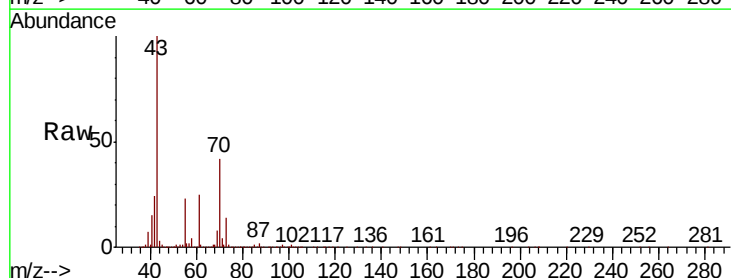
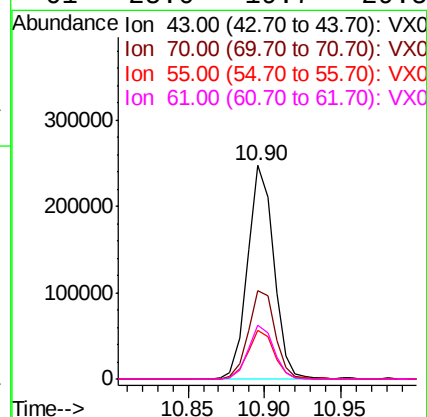
Ion Ratio Lower Upper

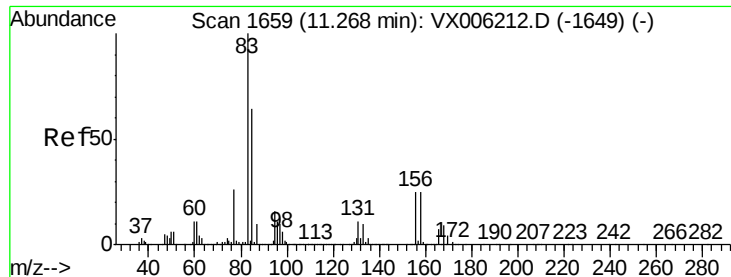
43 100

70 42.8 34.1 51.1

55 23.3 17.8 26.8

61 25.0 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.889 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

Instrument :

MSVOA_X

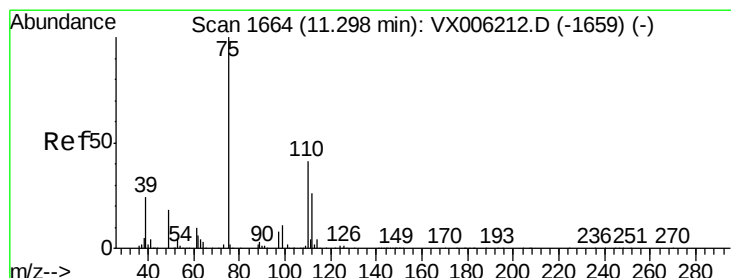
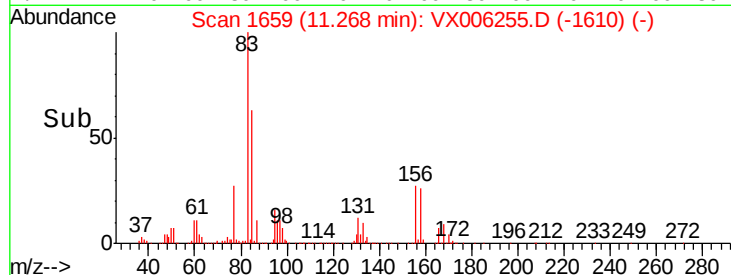
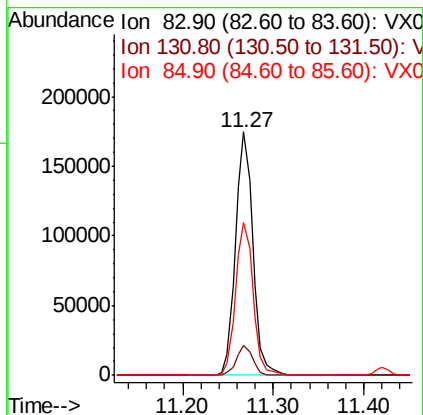
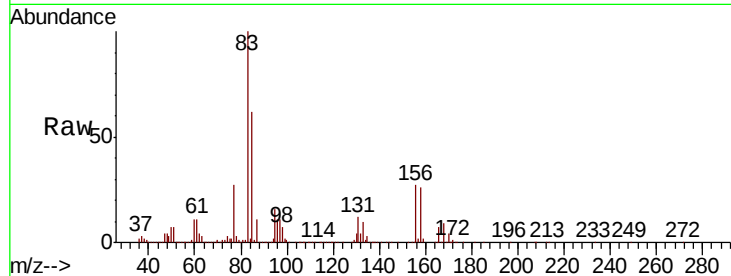
ClientSampleId :

VX1203WBS01

Tgt Ion:	83	Resp:	232095
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.7	17.1
85	63.5	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 22.160 ug/l m

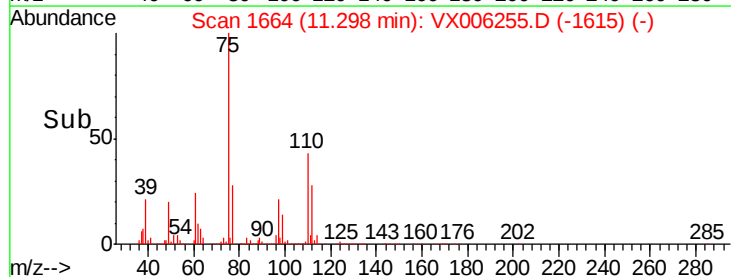
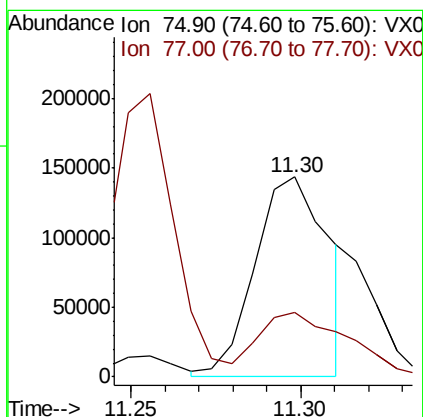
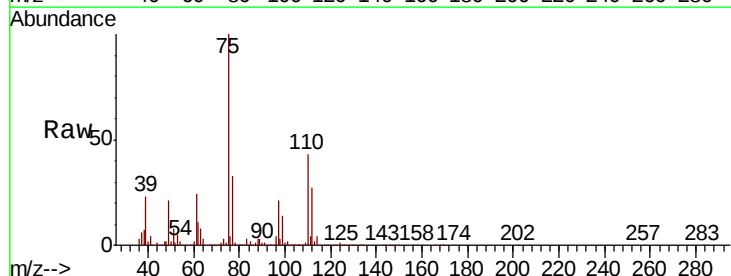
RT: 11.30 min Scan# 1664

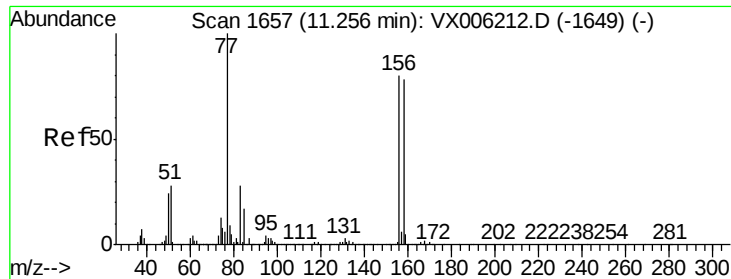
Delta R.T. -0.00 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

Tgt Ion:	75	Resp:	215110
Ion Ratio	Lower	Upper	
75	100		
77	39.3	19.9	59.7





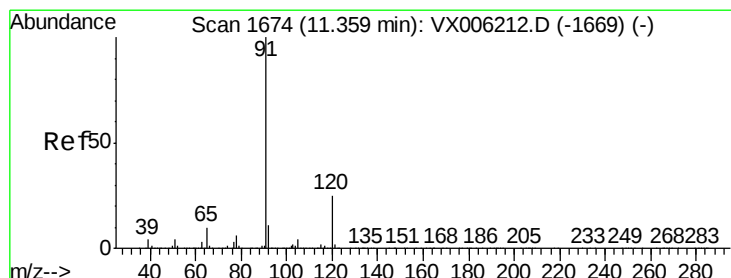
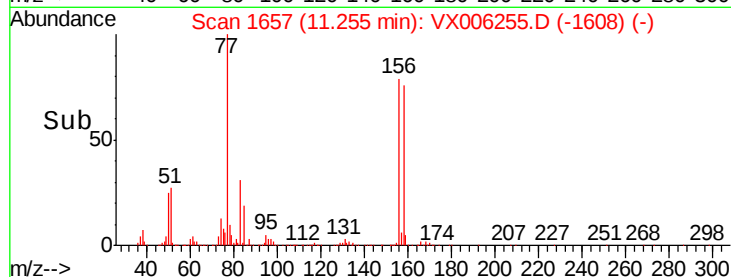
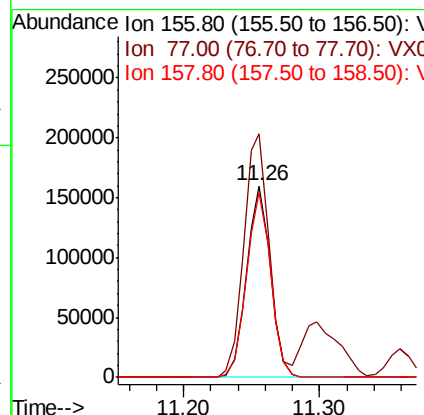
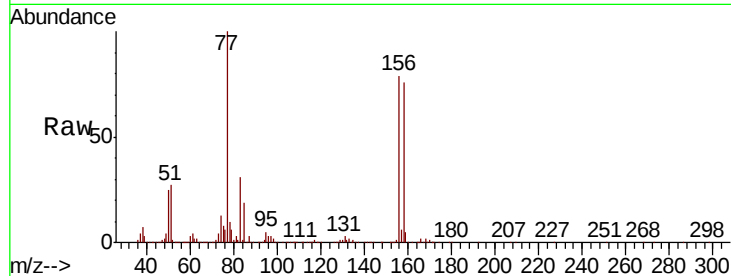
#77
Bromobenzene
Concen: 20.297 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	195628		
77	134.6	66.2	198.6	
158	97.4	48.8	146.4	

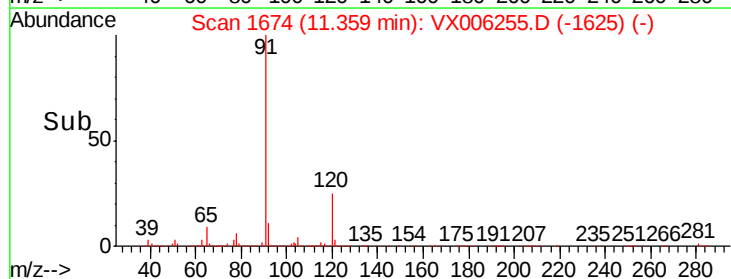
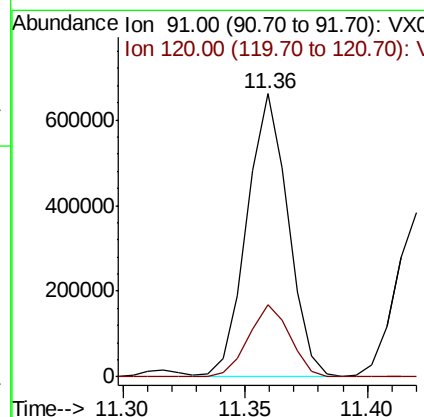
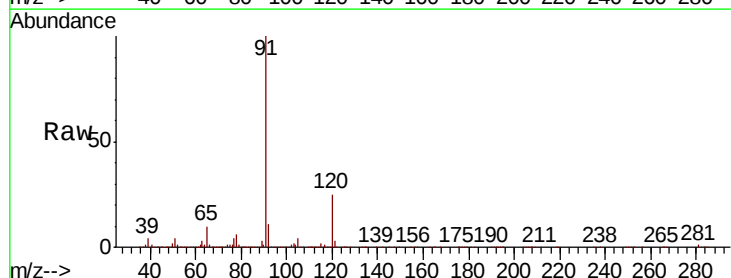
Manual Integrations
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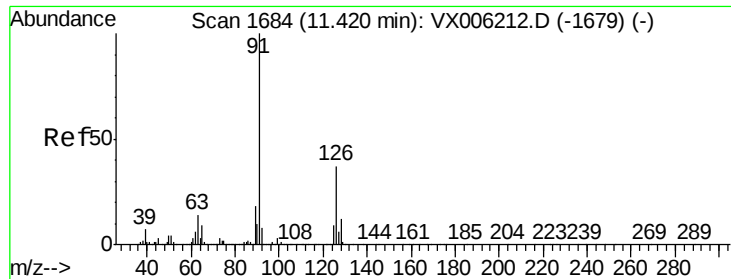
MMDadoda
12/4/2018 9:58:48 AM



#78
n-propylbenzene
Concen: 20.005 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	772315		
120	25.6	12.7	38.0	





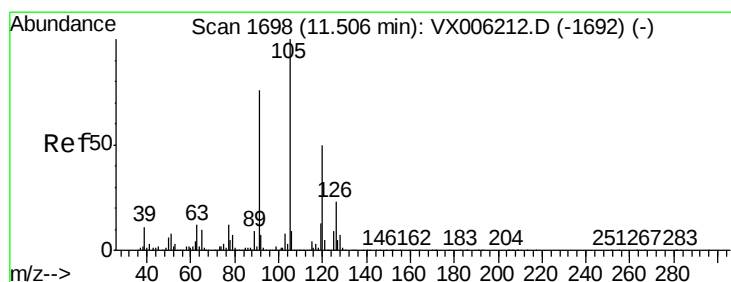
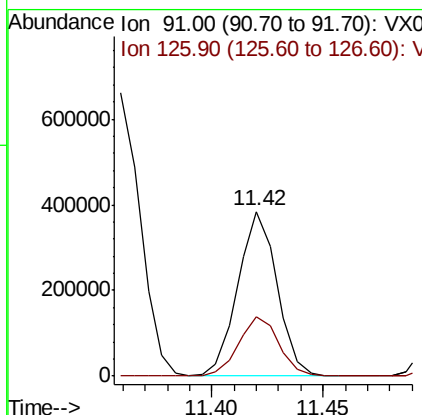
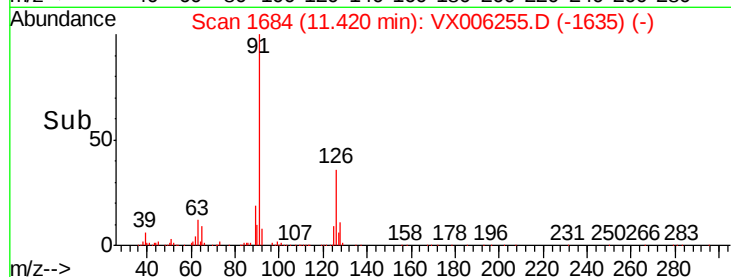
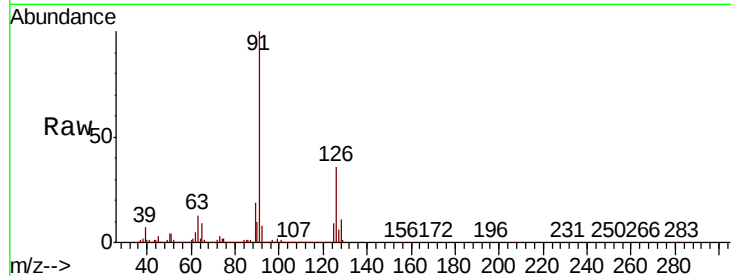
#79
2-Chlorotoluene
Concen: 20.489 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tgt Ion: 91 Resp: 470138
Ion Ratio Lower Upper
91 100
126 37.2 18.6 56.0

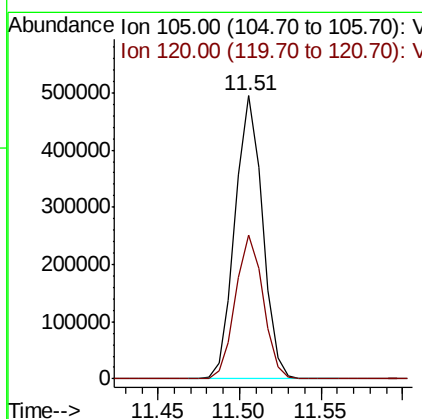
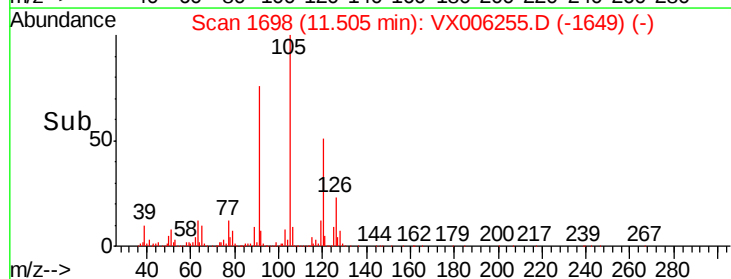
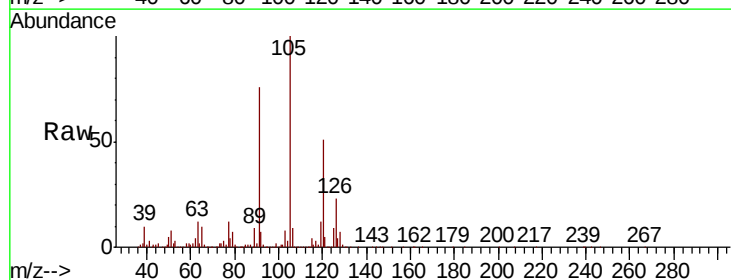
Manual Integrations
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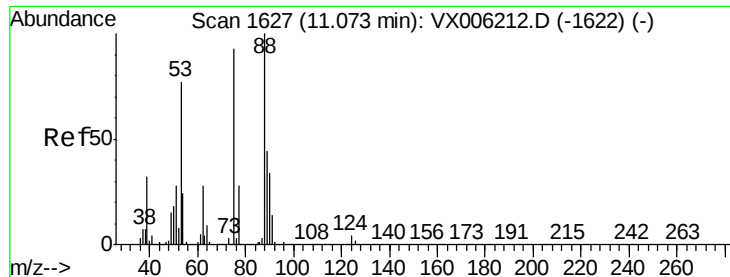
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#80
1,3,5-Trimethylbenzene
Concen: 20.134 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Tgt Ion: 105 Resp: 581796
Ion Ratio Lower Upper
105 100
120 51.2 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.840 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

Instrument :

MSVOA_X

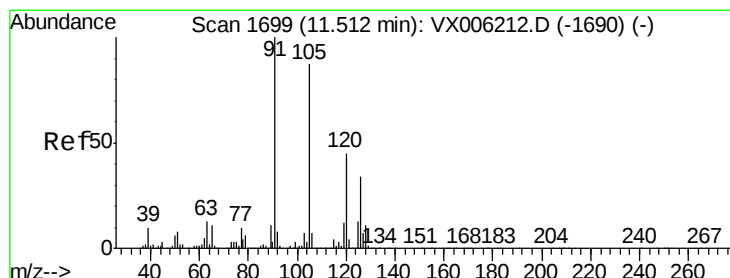
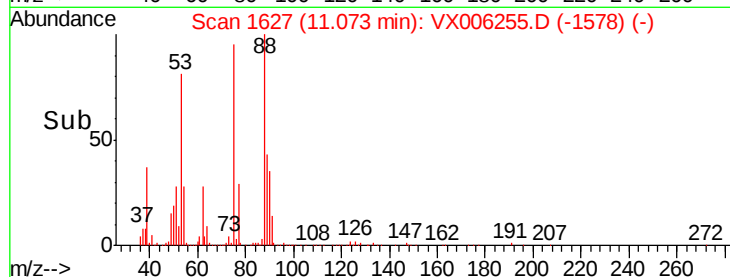
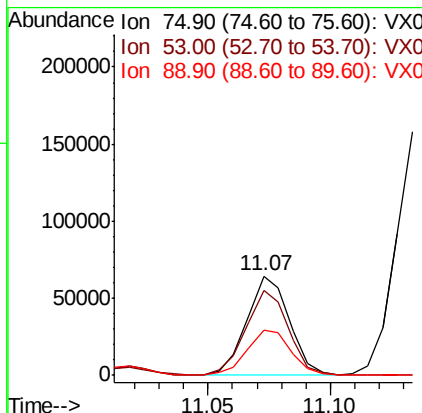
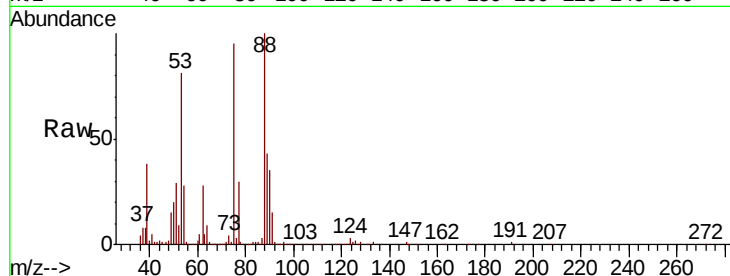
ClientSampleId :

VX1203WBS01

Tgt Ion:	75	Resp:	77930
Ion	Ratio	Lower	Upper
75	100		
53	85.9	64.4	96.6
89	47.7	44.2	66.4

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#82

4-Chlorotoluene

Concen: 19.911 ug/l

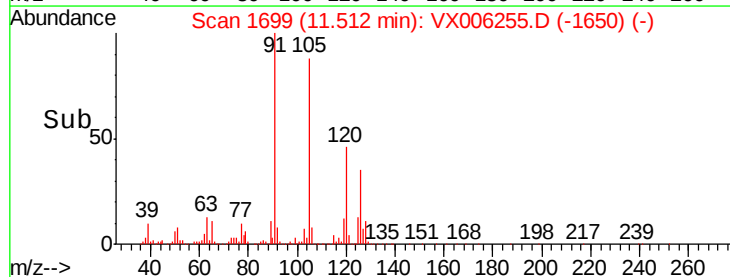
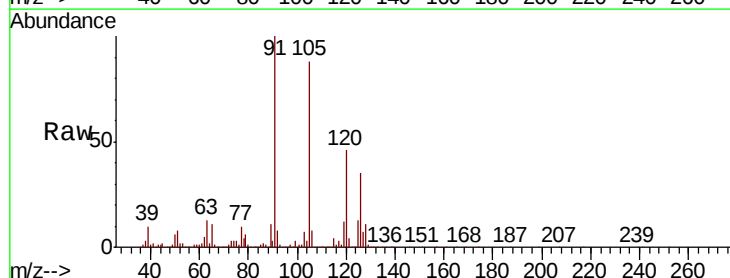
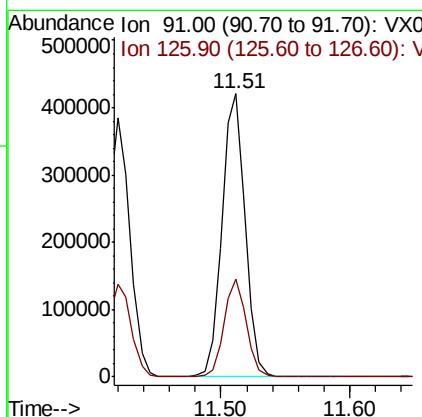
RT: 11.51 min Scan# 1699

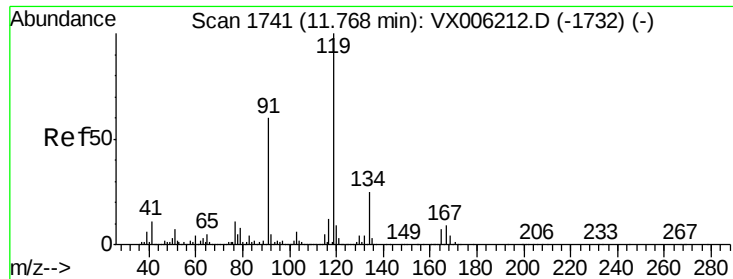
Delta R.T. -0.00 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

Tgt Ion:	91	Resp:	531207
Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.4	49.4





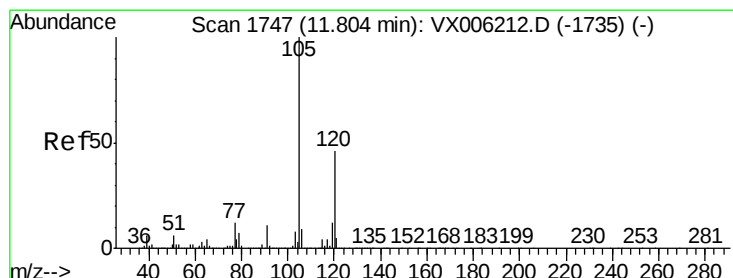
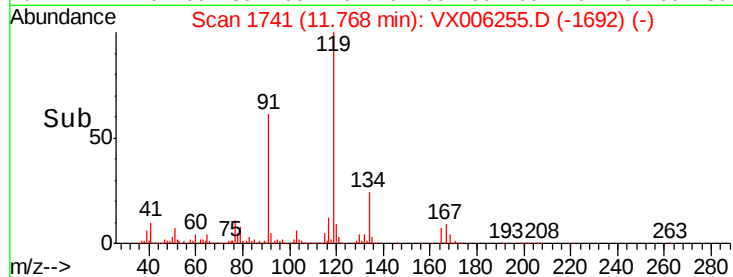
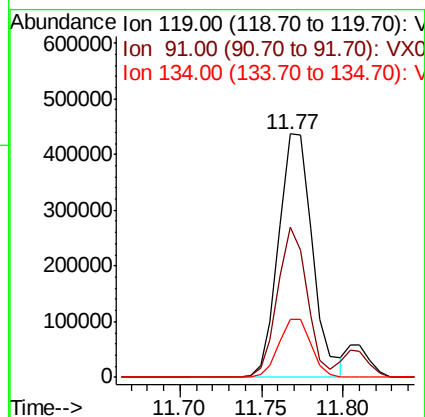
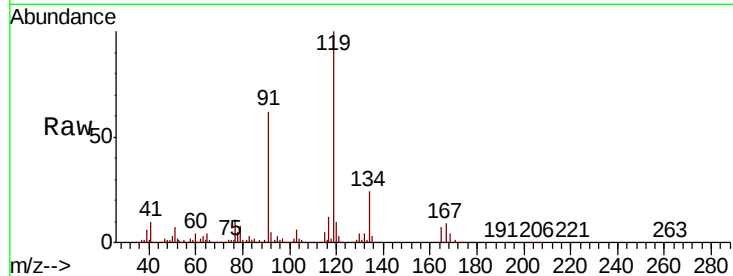
#83
 tert-Butylbenzene
 Concen: 20.316 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX006255.D
 Acq: 03 Dec 2018 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	626384		
91	54.1	26.4	79.2	
134	22.8	11.6	34.7	

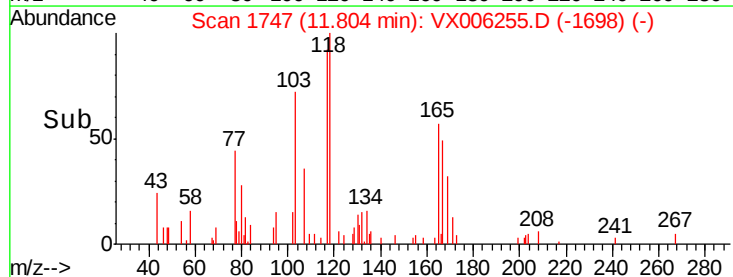
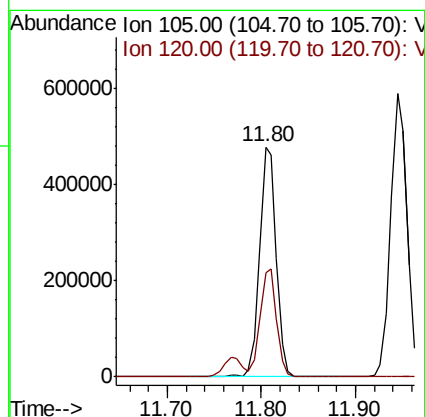
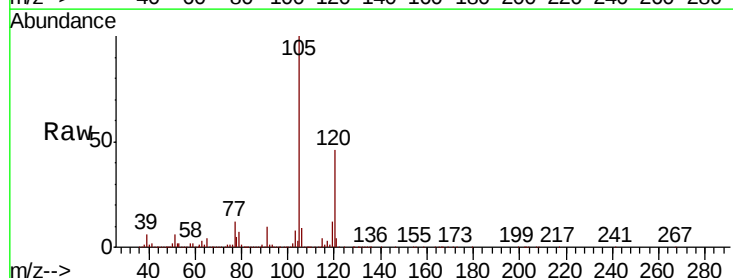
Manual Integrations
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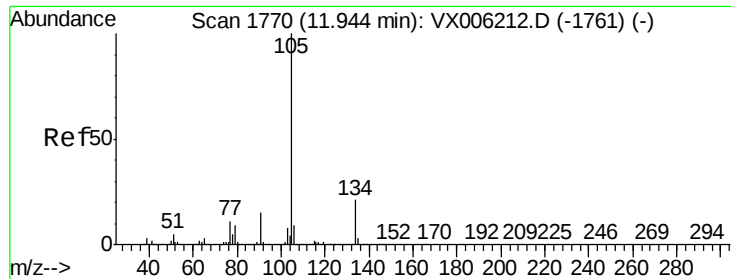
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.048 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006255.D
 Acq: 03 Dec 2018 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	598201		
120	46.5	23.4	70.0	





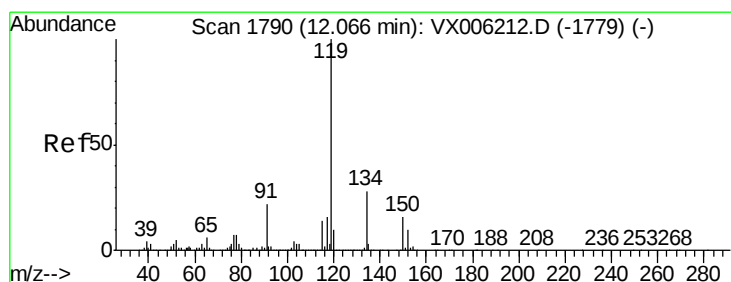
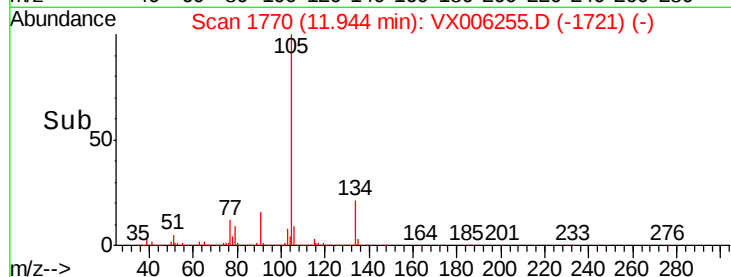
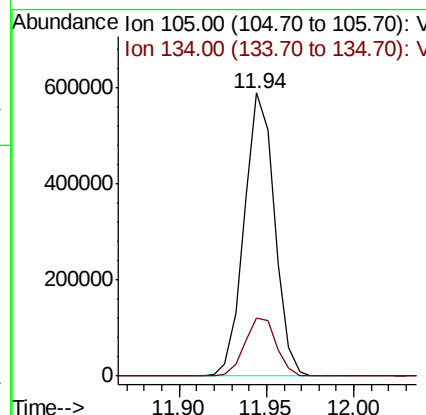
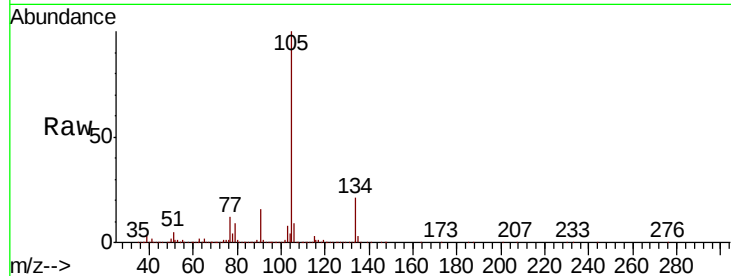
#85
 sec-Butylbenzene
 Concen: 20.254 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006255.D
 Acq: 03 Dec 2018 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBS01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.5	10.8	32.4

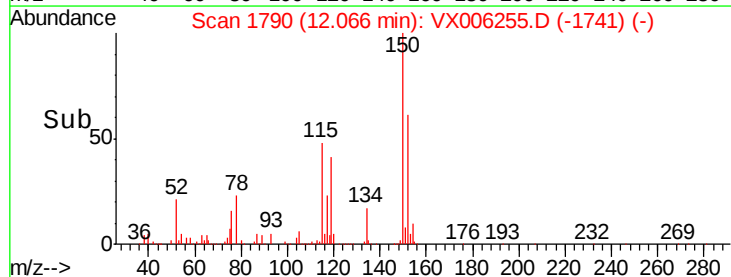
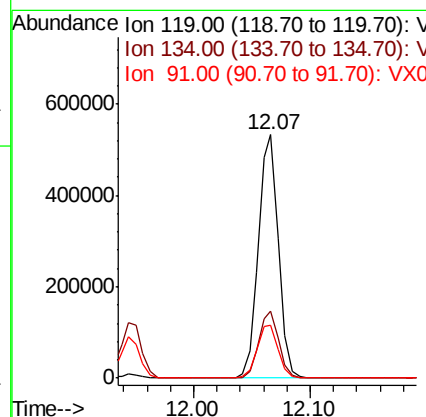
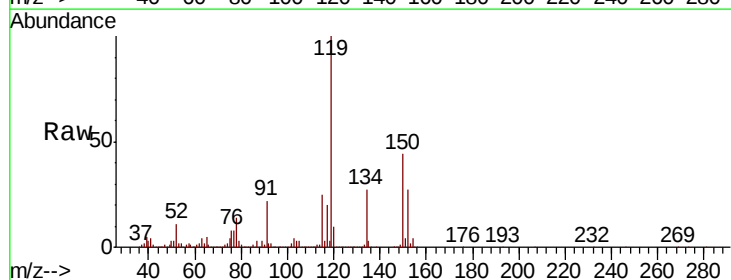
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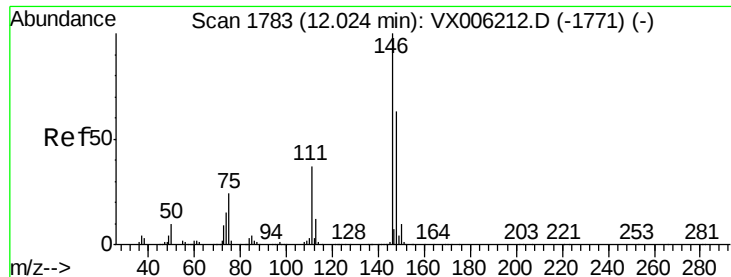
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 12/4/2018 9:58:48 AM



#86
 p-Isopropyltoluene
 Concen: 20.148 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX006255.D
 Acq: 03 Dec 2018 16:04

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.4	13.9	41.6
91	22.8	11.3	33.8





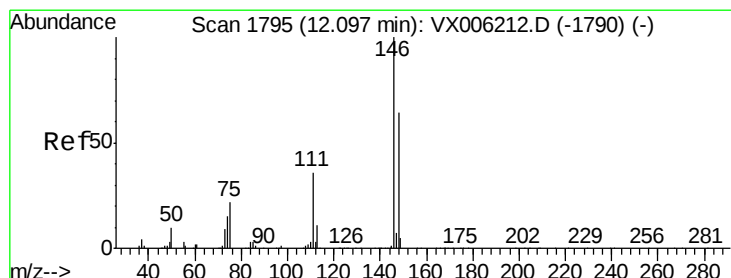
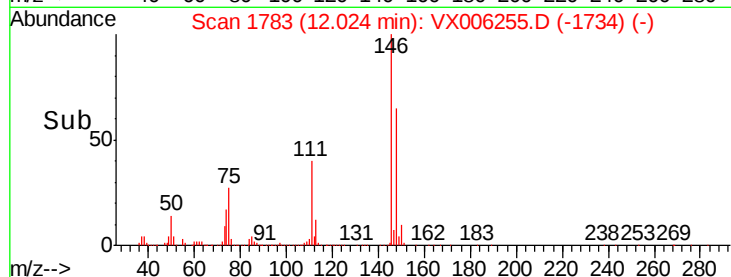
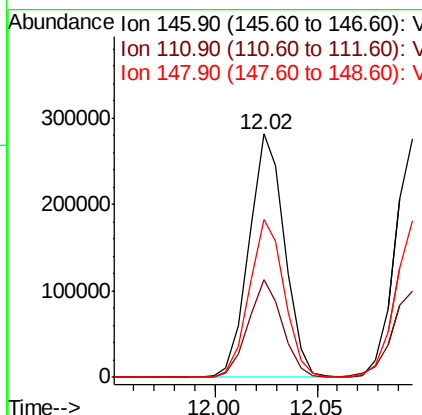
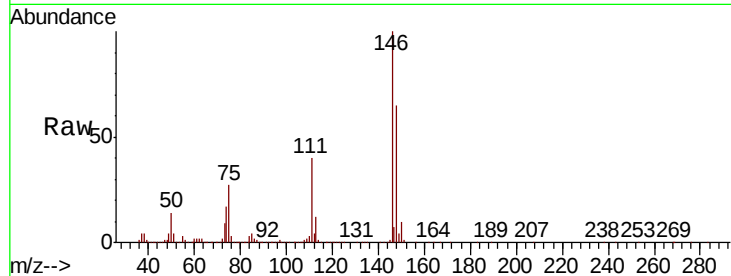
#87
 1,3-Dichlorobenzene
 Concen: 19.945 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006255.D
 Acq: 03 Dec 2018 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.4	55.2
148	64.0	32.0	96.0

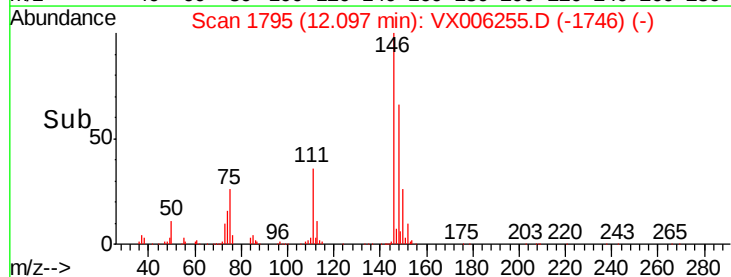
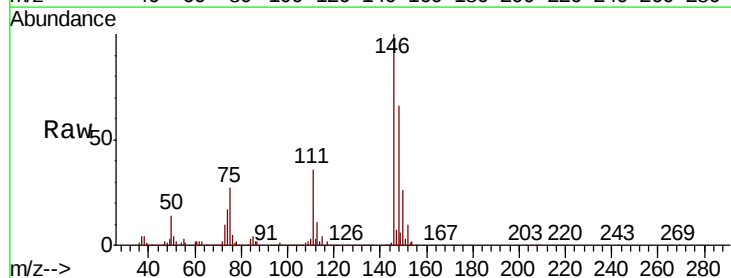
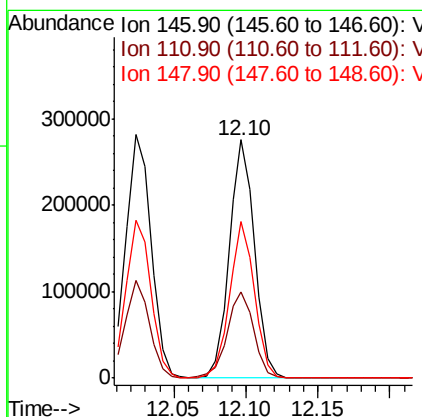
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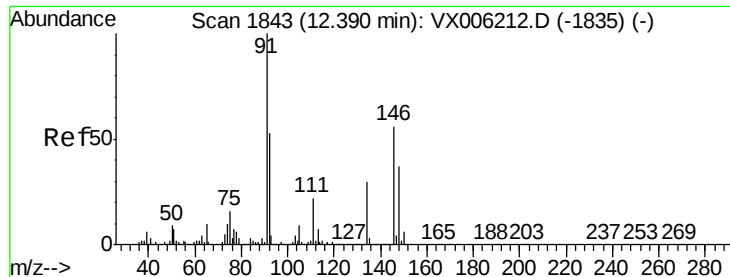
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#88
 1,4-Dichlorobenzene
 Concen: 19.373 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006255.D
 Acq: 03 Dec 2018 16:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.3	54.8
148	64.8	31.9	95.9





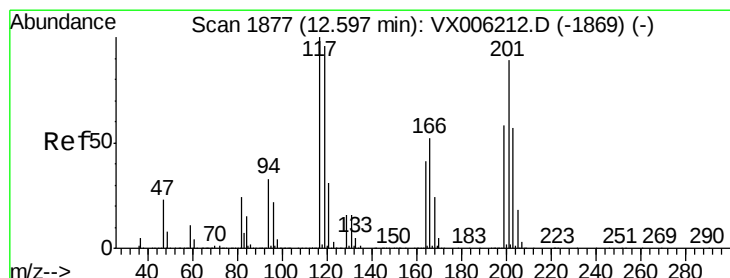
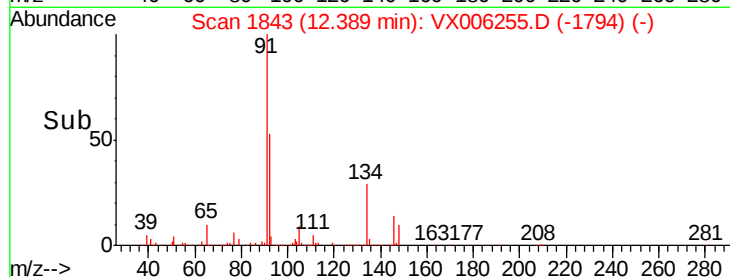
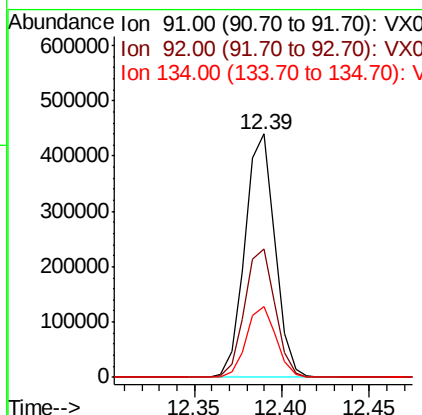
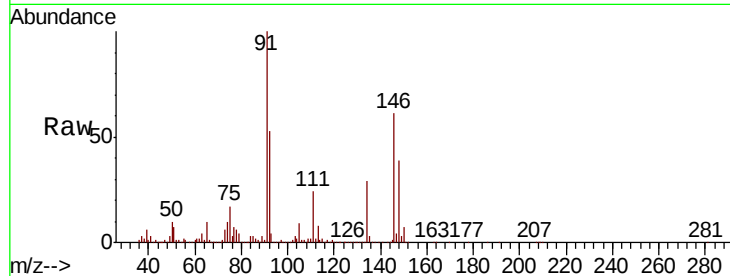
#89
n-Butylbenzene
Concen: 19.492 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.6	79.8
134	28.8	14.8	44.3

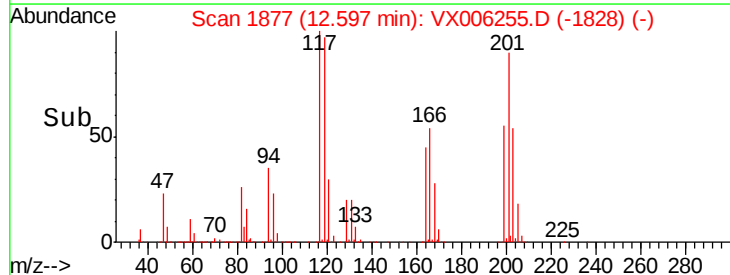
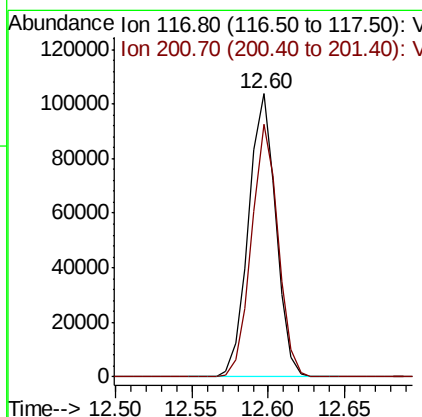
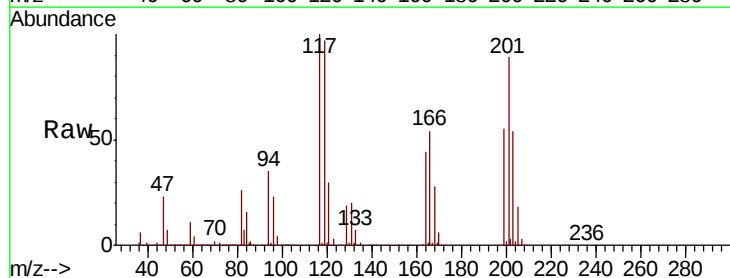
Manual Integrations
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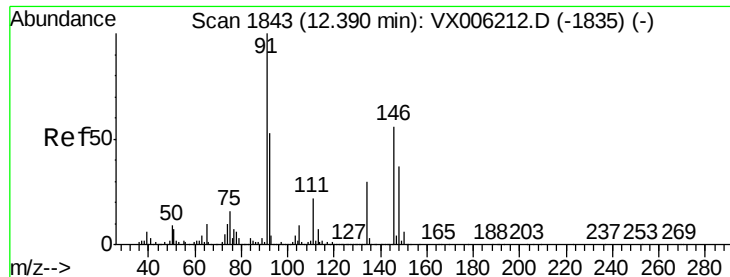
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#90
Hexachloroethane
Concen: 19.994 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006255.D
Acq: 03 Dec 2018 16:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.2	44.7	134.1





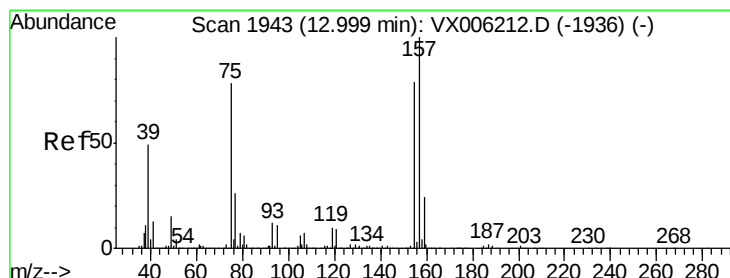
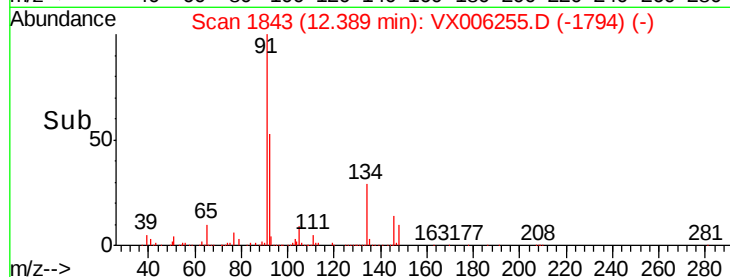
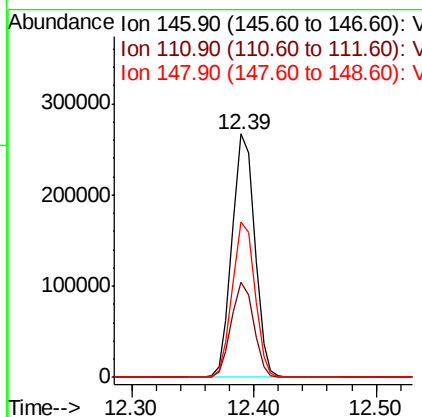
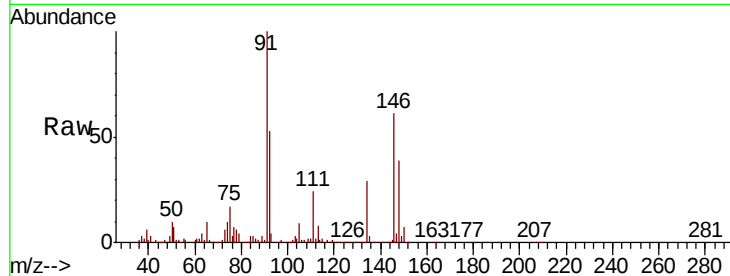
#91
 1,2-Dichlorobenzene
 Concen: 20.019 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006255.D
 Acq: 03 Dec 2018 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	340738		
111	38.8	19.1	57.3	
148	63.7	32.1	96.3	

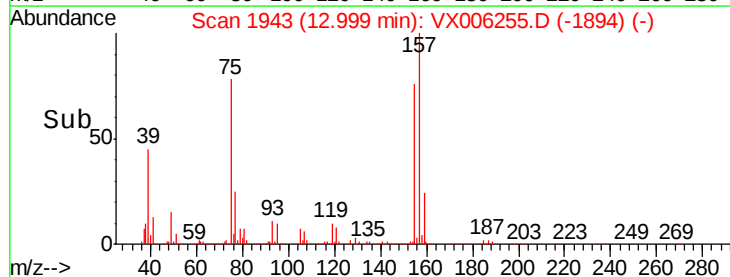
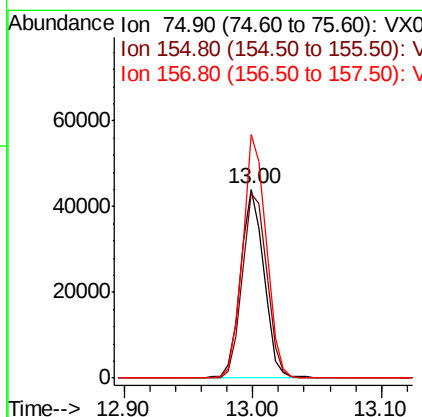
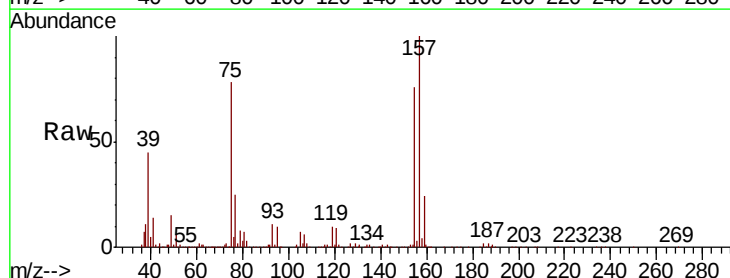
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.454 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006255.D
 Acq: 03 Dec 2018 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	55410		
155	101.9	53.4	160.3	
157	128.8	68.0	203.8	





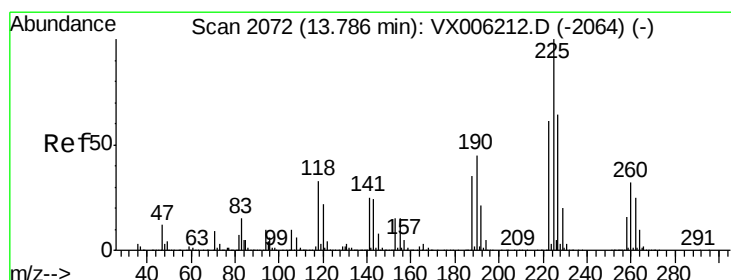
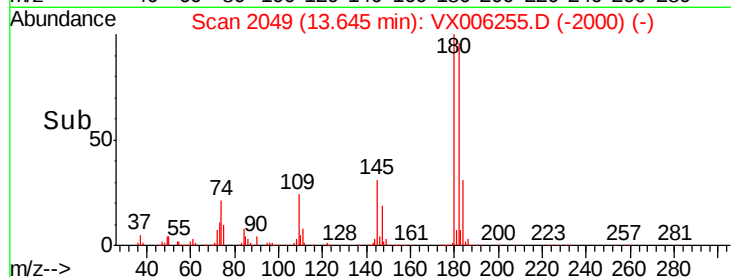
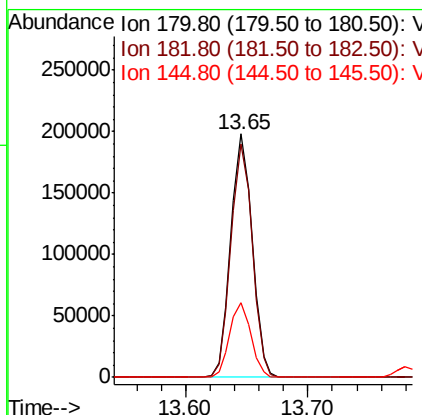
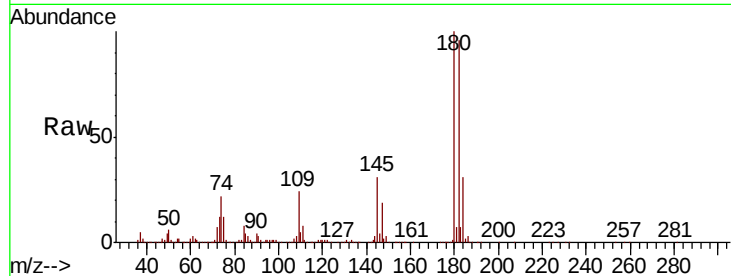
#93
 1,2,4-Trichlorobenzene
 Concen: 19.297 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006255.D
 Acq: 03 Dec 2018 16:04

Instrument :
 MSVOA_X
 ClientSampled :
 VX1203WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	239624		
182	95.5	47.3	141.9	
145	30.4	14.6	43.8	

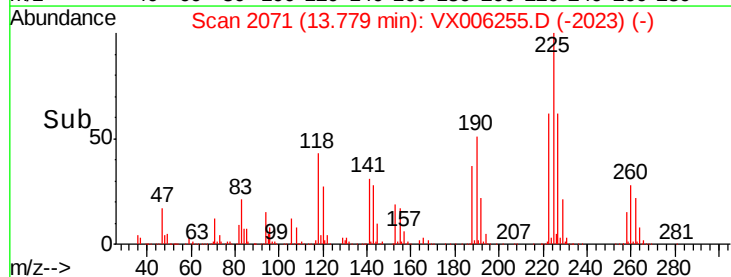
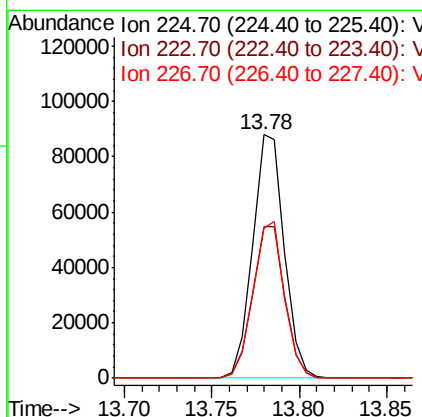
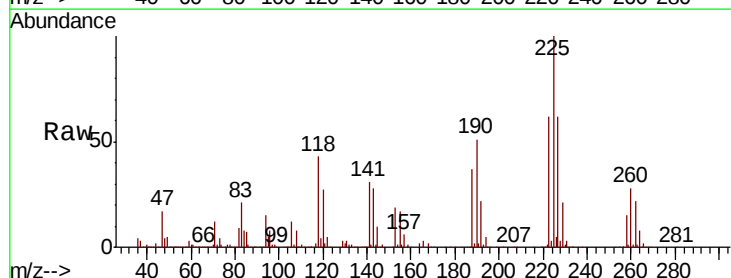
Manual Integrations
 APPROVED

MMDadoda
 12/4/2018 9:58:48 AM



#94
 Hexachlorobutadiene
 Concen: 20.054 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006255.D
 Acq: 03 Dec 2018 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	110131		
223	63.5	31.2	93.6	
227	63.7	31.9	95.5	





#95

Naphthalene

Concen: 20.086 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

Instrument :

MSVOA_X

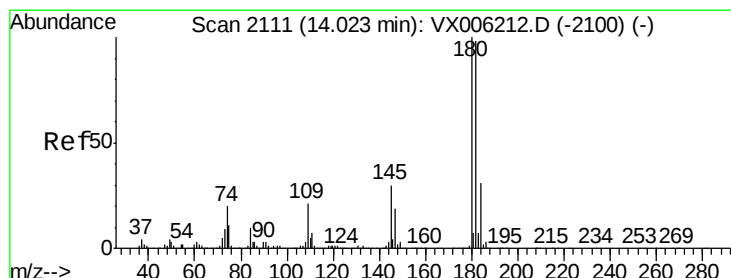
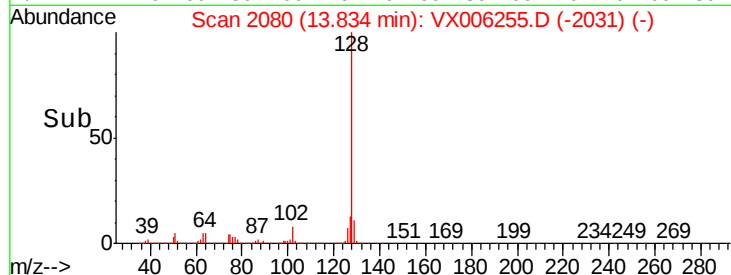
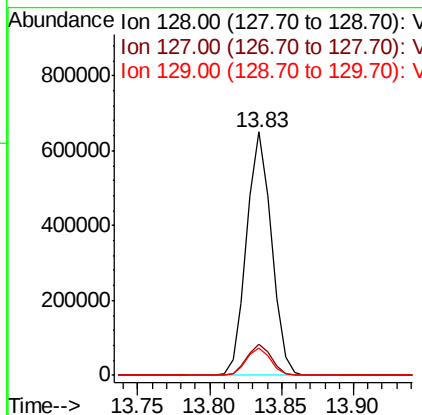
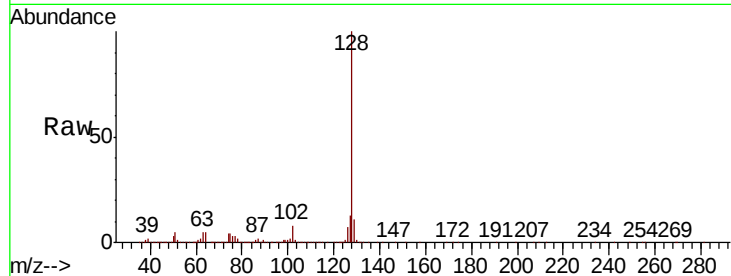
ClientSampleId :

VX1203WBS01

Tgt Ion:	128	Resp:	775851
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
12/4/2018 9:58:48 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.684 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX006255.D

Acq: 03 Dec 2018 16:04

Tgt Ion:	180	Resp:	242104
Ion Ratio	Lower	Upper	
180	100		
182	95.4	48.4	145.2
145	31.4	15.6	46.8

