

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120318\
 Data File : VX006265.D
 Acq On : 03 Dec 2018 20:31
 Operator : JC/MD
 Sample : VX1203WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/4/2018 9:58:55 AM

Quant Time: Dec 04 06:21:05 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	723163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1105676	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	994305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	487332	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	365078	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
35) Dibromofluoromethane	5.51	113	347463	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
50) Toluene-d8	8.71	98	1247648	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
62) 4-Bromofluorobenzene	11.14	95	457341	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	146888	20.745	ug/l	97
3) Chloromethane	1.33	50	137712	18.926	ug/l	96
4) Vinyl Chloride	1.41	62	153197	19.562	ug/l	96
5) Bromomethane	1.64	94	112667	20.759	ug/l	99
6) Chloroethane	1.73	64	93995	19.575	ug/l	100
7) Trichlorofluoromethane	1.93	101	240432	20.001	ug/l	99
8) Diethyl Ether	2.19	74	91209	20.048	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	133526	19.534	ug/l	100
10) Methyl Iodide	2.51	142	199905	19.406	ug/l	100
11) Tert butyl alcohol	3.07	59	194059	96.121	ug/l	98
12) 1,1-Dichloroethene	2.38	96	128386	19.620	ug/l	93
13) Acrolein	2.29	56	90573	82.081	ug/l	99
14) Allyl chloride	2.73	41	238134	18.422	ug/l	99
15) Acrylonitrile	3.15	53	407068	96.623	ug/l	100
16) Acetone	2.45	43	343131	99.043	ug/l	98
17) Carbon Disulfide	2.57	76	378996	18.796	ug/l	100
18) Methyl Acetate	2.78	43	251426	21.701	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	453928	19.445	ug/l	100
20) Methylene Chloride	2.86	84	145560	19.742	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	133980	19.213	ug/l	99
22) Diisopropyl ether	3.87	45	399995	19.811	ug/l	98
23) Vinyl Acetate	3.82	43	1712890	99.467	ug/l	100
24) 1,1-Dichloroethane	3.70	63	231713	20.079	ug/l	99
25) 2-Butanone	4.70	43	493990	99.931	ug/l	99
26) 2,2-Dichloropropane	4.59	77	173365	16.278	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	157514	20.250	ug/l	97
28) Bromochloromethane	5.02	49	100122	19.863	ug/l	99
29) Tetrahydrofuran	5.15	42	341527	99.408	ug/l	98
30) Chloroform	5.22	83	247738	20.428	ug/l	100
31) Cyclohexane	5.57	56	211440	19.826	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	231311	20.046	ug/l	100
36) 1,1-Dichloropropene	5.80	75	178098	19.128	ug/l	99
37) Ethyl Acetate	4.85	43	197746	18.965	ug/l	98
38) Carbon Tetrachloride	5.78	117	210388	19.207	ug/l	98

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

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 ClientSampleID :
 VX1203WBSD01

Manual Integrations
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MMDadoda
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Quant Time: Dec 04 06:21:05 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)
39) Methylcyclohexane	7.46	83	231566	19.160	ug/l	98
40) Benzene	6.14	78	550239	19.731	ug/l	100
41) Methacrylonitrile	5.06	41	108400	18.893	ug/l	99
42) 1,2-Dichloroethane	6.20	62	180540	19.781	ug/l	99
43) Isopropyl Acetate	6.46	43	324500	18.666	ug/l	99
44) Trichloroethene	7.21	130	165693	19.613	ug/l	94
45) 1,2-Dichloropropane	7.52	63	136537	19.264	ug/l	98
46) Dibromomethane	7.66	93	99672	19.472	ug/l	98
47) Bromodichloromethane	7.90	83	195963	19.769	ug/l	98
48) Methyl methacrylate	7.77	41	159267	18.831	ug/l	97
49) 1,4-Dioxane	7.75	88	80650	386.907	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	965006	95.352	ug/l	99
52) Toluene	8.79	92	360197	19.633	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	208528	17.988	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	222796	18.508	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	146132	19.606	ug/l	99
56) Ethyl methacrylate	9.18	69	221696	19.026	ug/l	98
57) 1,3-Dichloropropane	9.37	76	233124	19.779	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	570064	96.410	ug/l	99
59) 2-Hexanone	9.49	43	734237	94.960	ug/l	100
60) Dibromochloromethane	9.59	129	175035	19.044	ug/l	100
61) 1,2-Dibromoethane	9.67	107	161206	19.343	ug/l	100
64) Tetrachloroethene	9.34	164	153665	20.521	ug/l	97
65) Chlorobenzene	10.14	112	417443	19.778	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	160489	19.570	ug/l	99
67) Ethyl Benzene	10.25	91	678953	19.341	ug/l	99
68) m/p-Xylenes	10.36	106	539616	38.374	ug/l	100
69) o-Xylene	10.70	106	266205	19.165	ug/l	99
70) Styrene	10.71	104	427569	19.033	ug/l	98
71) Bromoform	10.86	173	139653	18.040	ug/l #	100
73) Isopropylbenzene	11.02	105	701680	20.849	ug/l	100
74) N-amyl acetate	10.90	43	280715	19.370	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	224517	20.853	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	210654m	22.395	ug/l	
77) Bromobenzene	11.26	156	191211	20.473	ug/l	98
78) n-propylbenzene	11.36	91	755157	20.186	ug/l	100
79) 2-Chlorotoluene	11.42	91	453730	20.406	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	572425	20.443	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	70397	17.563	ug/l	93
82) 4-Chlorotoluene	11.51	91	522487	20.211	ug/l	100
83) tert-Butylbenzene	11.77	119	609222	20.391	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	592439	20.490	ug/l	99
85) sec-Butylbenzene	11.94	105	691513	20.345	ug/l	100
86) p-Isopropyltoluene	12.07	119	616195	20.133	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	334138	20.106	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	326390	19.350	ug/l	98
89) n-Butylbenzene	12.39	91	501192	19.192	ug/l	100
90) Hexachloroethane	12.60	117	123269	19.762	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	328272	19.903	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53028	19.213	ug/l	94

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBSD01

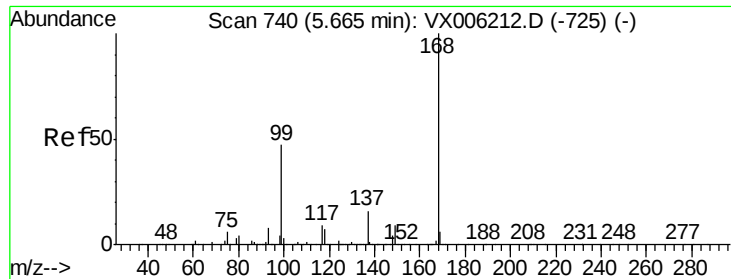
Manual Integrations
APPROVED

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12/4/2018 9:58:55 AM

Quant Time: Dec 04 06:21:05 2018
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	13.65	180	230245	19.134	ug/l	99
94) Hexachlorobutadiene	13.78	225	104060	19.555	ug/l	98
95) Naphthalene	13.83	128	752721	20.110	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	229710	19.274	ug/l	99

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



#1

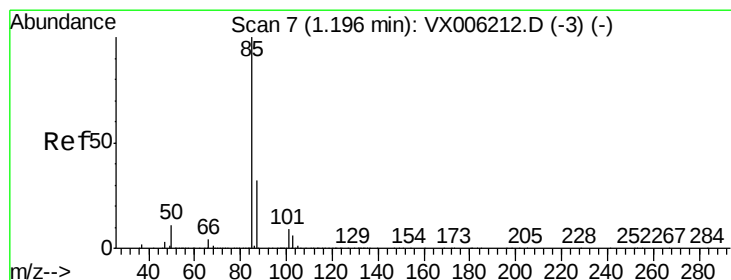
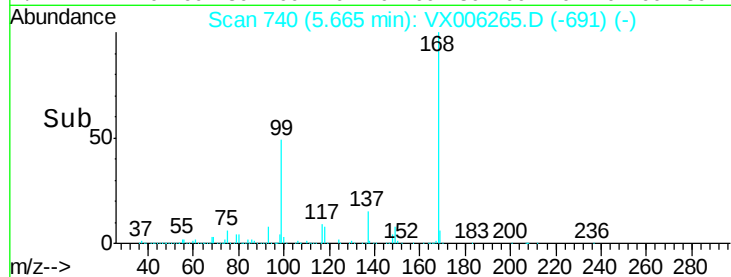
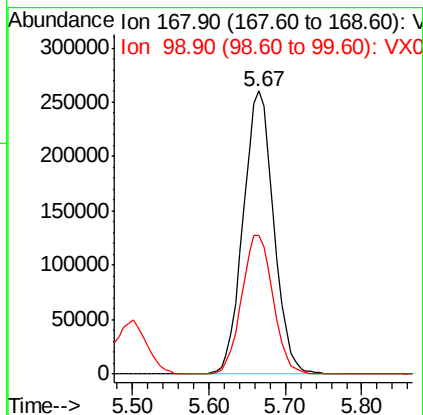
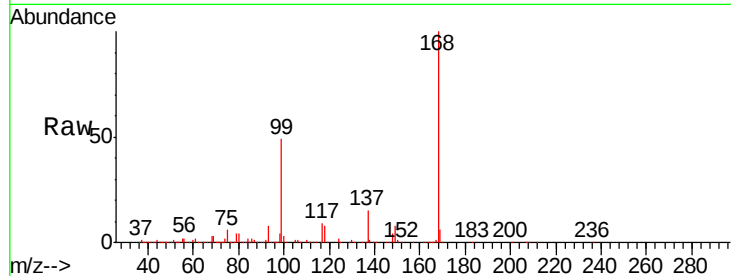
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: VX006265.D
 Acq: 03 Dec 2018 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBSD01

Tgt Ion	Ratio	Lower	Upper
168	100		
99	49.1	37.8	56.8

Manual Integrations
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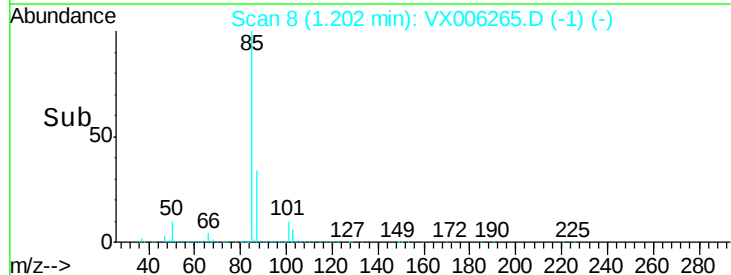
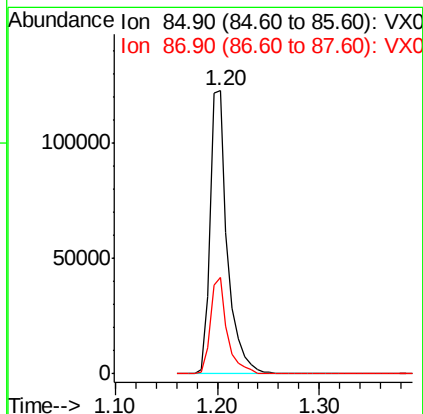
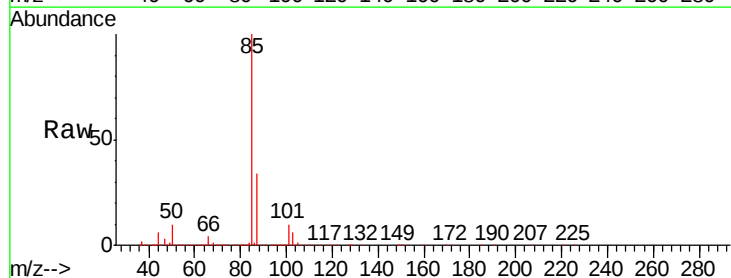
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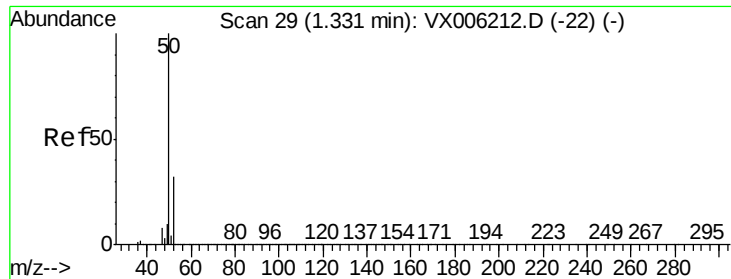


#2

Dichlorodifluoromethane
 Concen: 20.745 ug/l
 RT: 1.20 min Scan# 8
 Delta R.T. 0.01 min
 Lab File: VX006265.D
 Acq: 03 Dec 2018 20:31

Tgt Ion	Ratio	Lower	Upper
85	100		
87	34.0	16.1	48.2





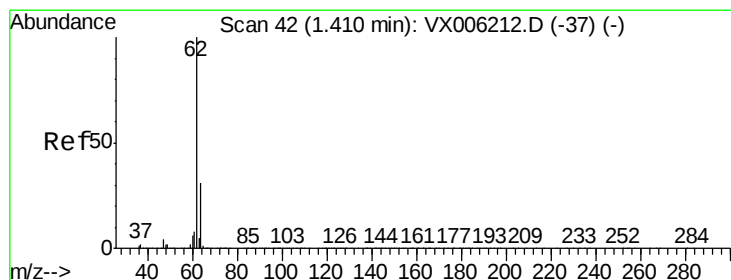
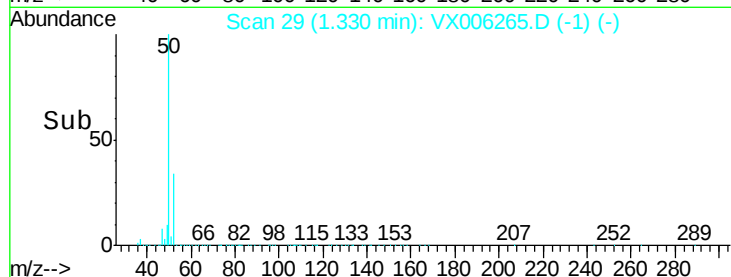
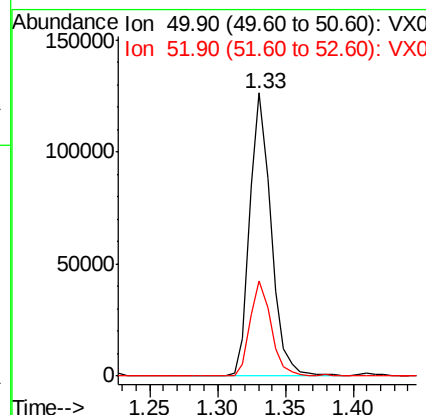
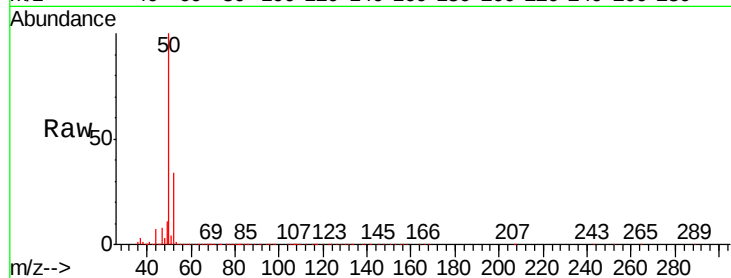
#3
Chloromethane
Concen: 18.926 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBSD01

Tgt Ion	Ratio	Lower	Upper
50	100		
52	33.5	25.2	37.8

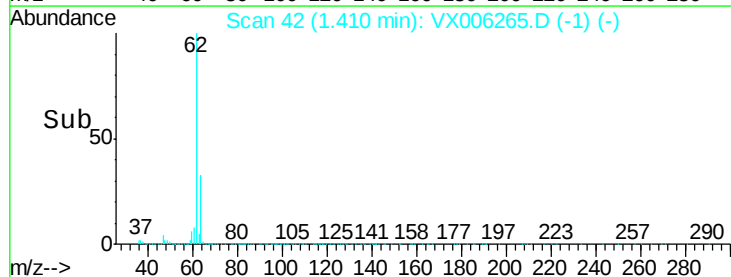
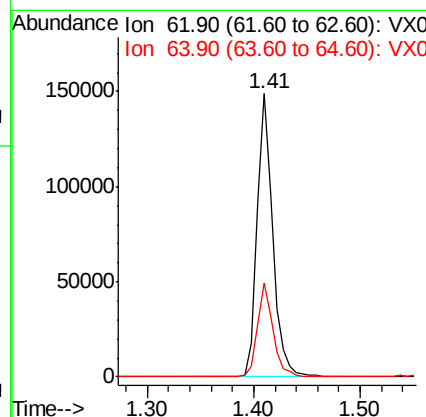
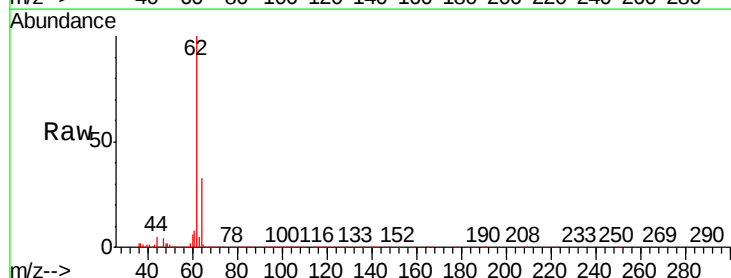
Manual Integrations
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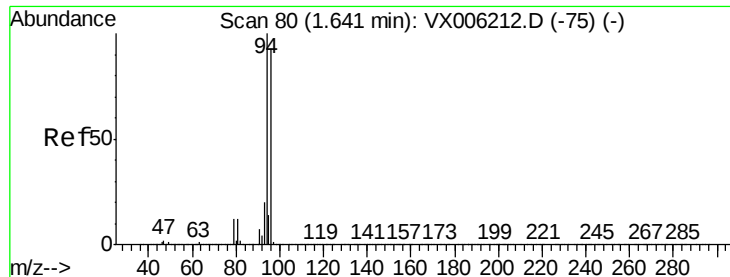
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#4
Vinyl Chloride
Concen: 19.562 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Tgt Ion	Ratio	Lower	Upper
62	100		
64	33.2	24.9	37.3





#5

Bromomethane

Concen: 20.759 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX006265.D

Acq: 03 Dec 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBSD01

Tgt Ion: 94 Resp: 112667

Ion Ratio Lower Upper

94 100

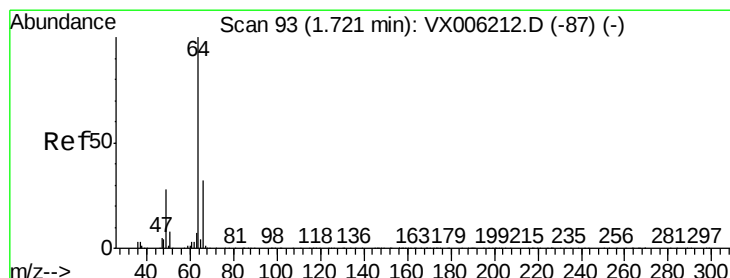
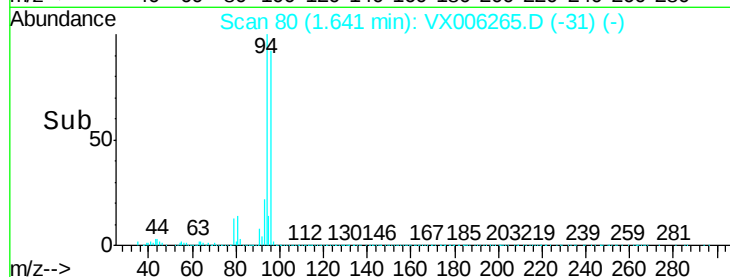
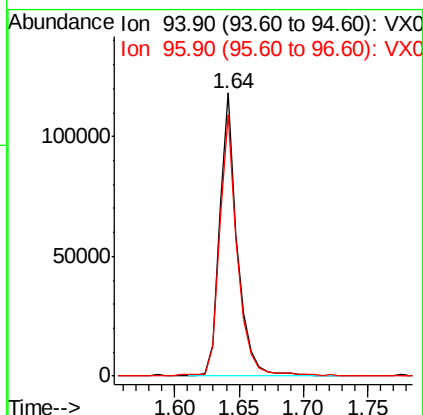
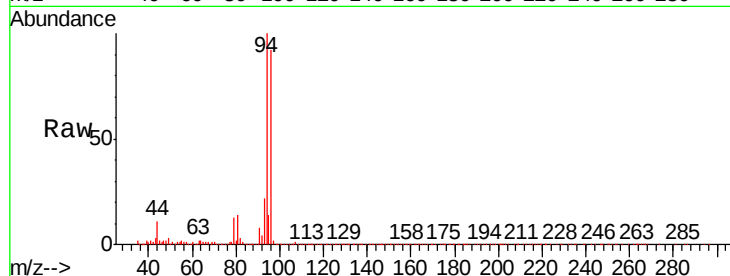
96 92.2 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 19.575 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006265.D

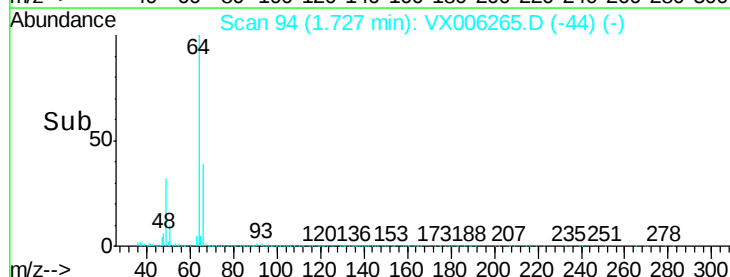
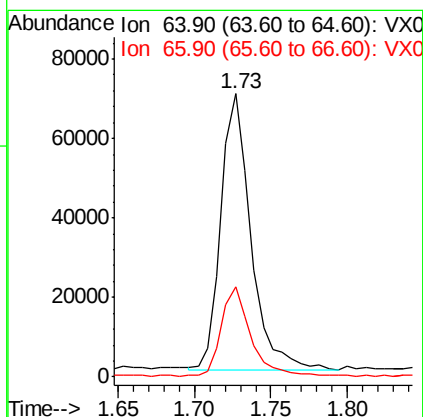
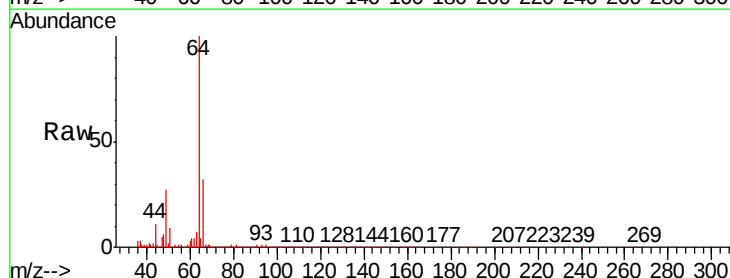
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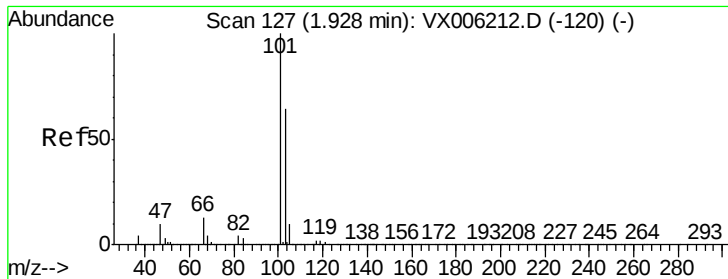
Tgt Ion: 64 Resp: 93995

Ion Ratio Lower Upper

64 100

66 32.2 25.9 38.9





#7

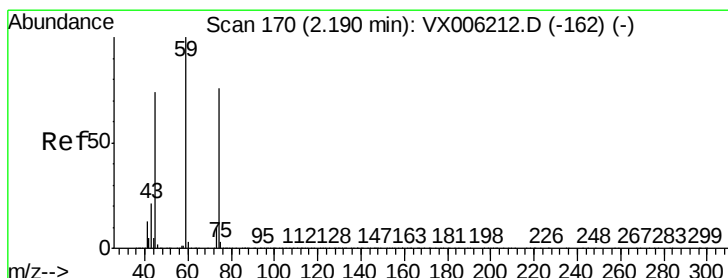
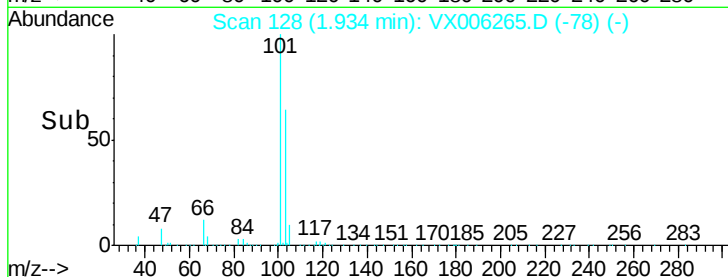
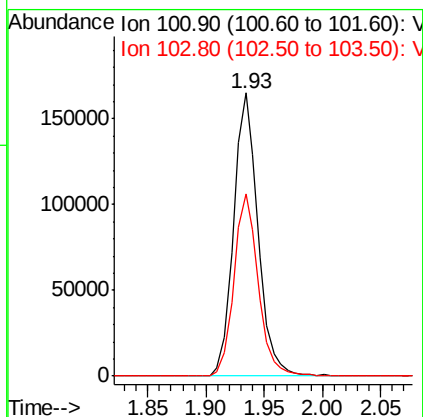
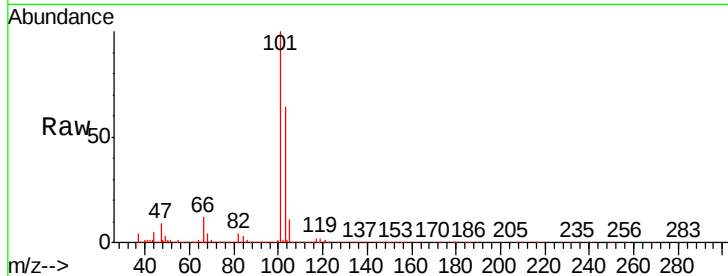
Trichlorofluoromethane
Concen: 20.001 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Instrument :
MSVOA_X
ClientSampled :
VX1203WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	240432		
103	64.2	51.0	76.4	

Manual Integrations
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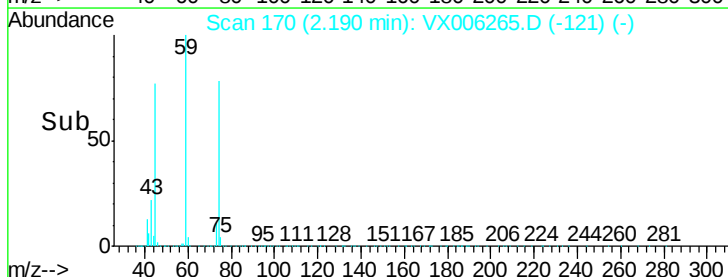
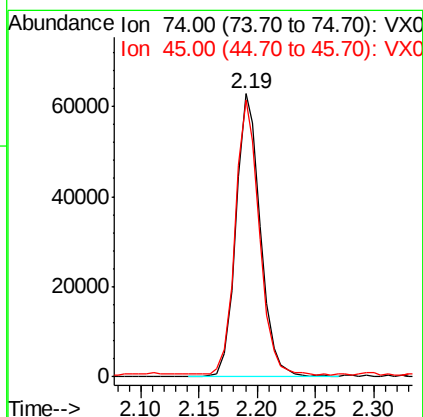
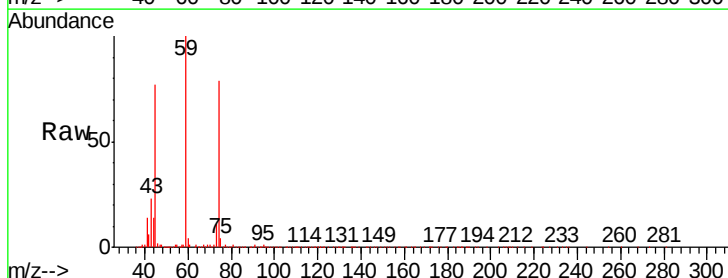
MMDadoda
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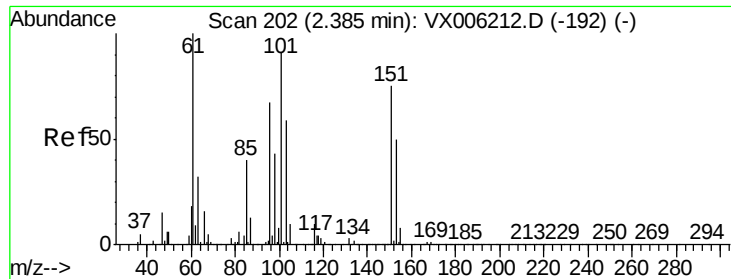


#8

Diethyl Ether
Concen: 20.048 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	91209		
45	95.6	49.5	148.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.534 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006265.D

Acq: 03 Dec 2018 20:31

Instrument :

MSVOA_X

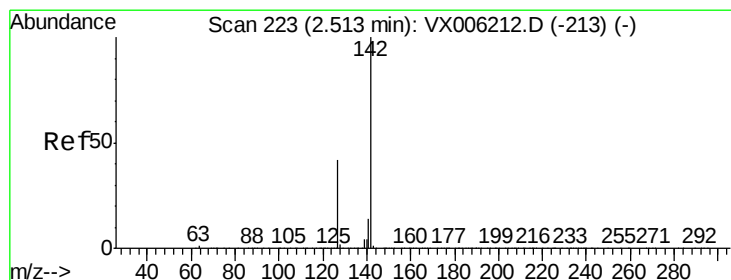
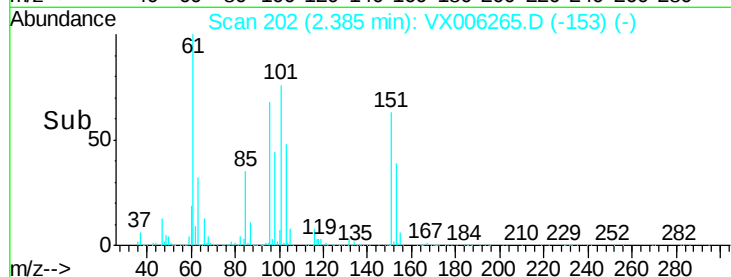
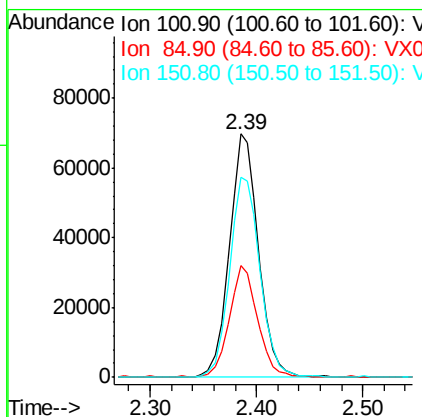
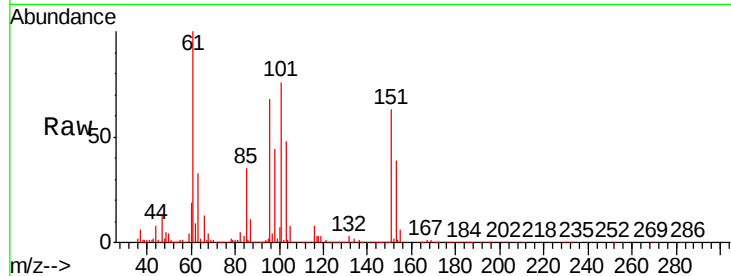
ClientSampleId :

VX1203WBSD01

Tgt Ion:	101	Resp:	133526
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.5	53.3
151	86.2	68.6	103.0

Manual Integrations
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#10

Methyl Iodide

Concen: 19.406 ug/l

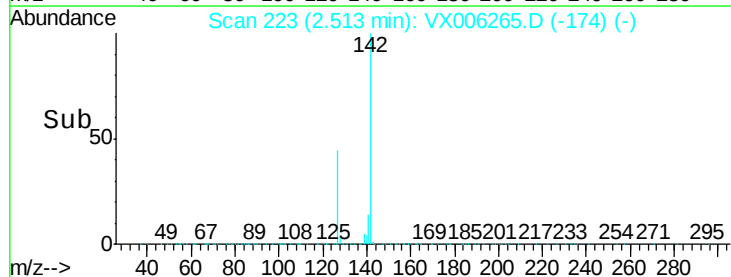
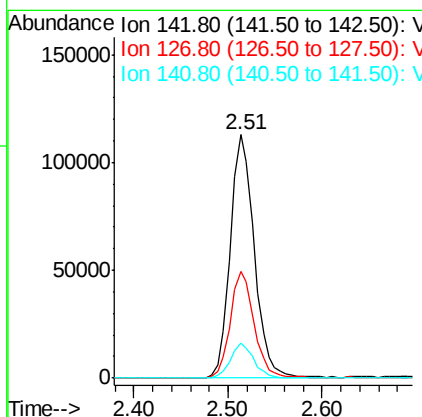
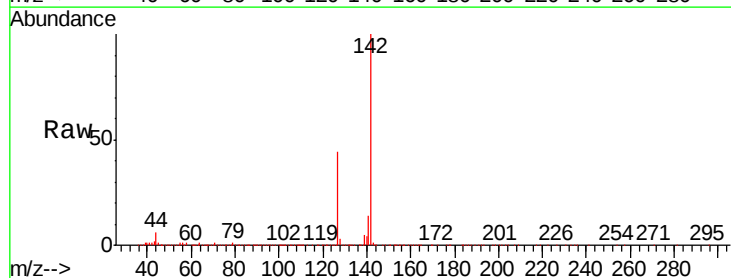
RT: 2.51 min Scan# 223

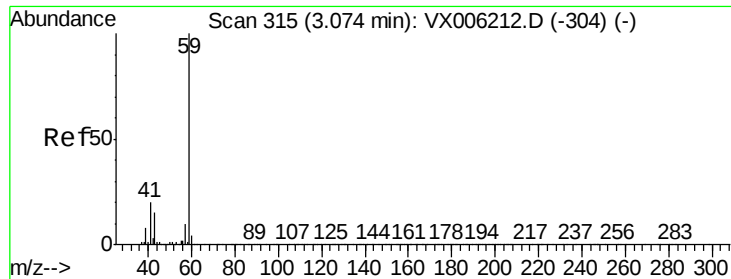
Delta R.T. -0.00 min

Lab File: VX006265.D

Acq: 03 Dec 2018 20:31

Tgt Ion:	142	Resp:	199905
Ion Ratio	Lower	Upper	
142	100		
127	43.4	34.8	52.2
141	14.3	11.4	17.2





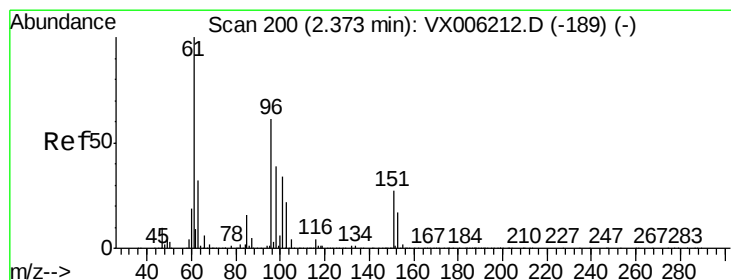
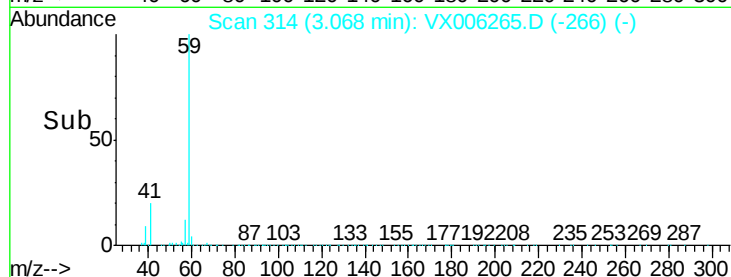
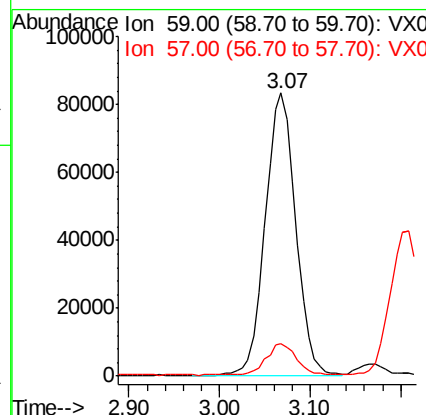
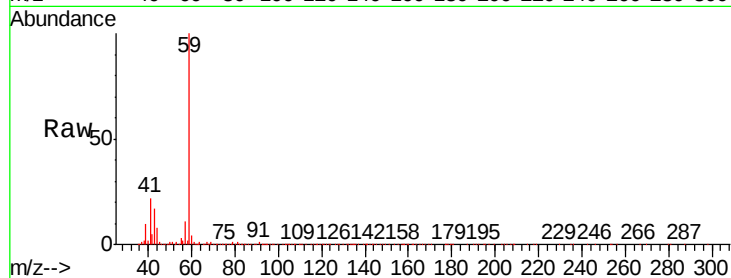
#11
Tert butyl alcohol
Concen: 96.121 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBSD01

Tgt Ion: 59 Resp: 194059
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.2

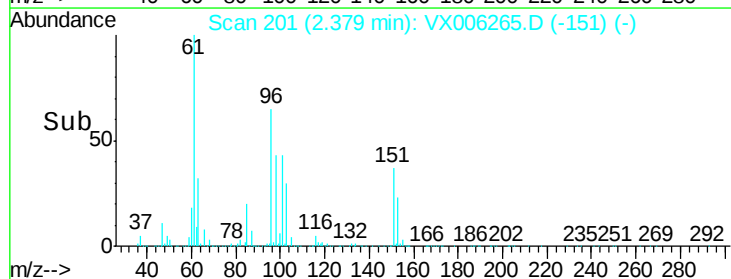
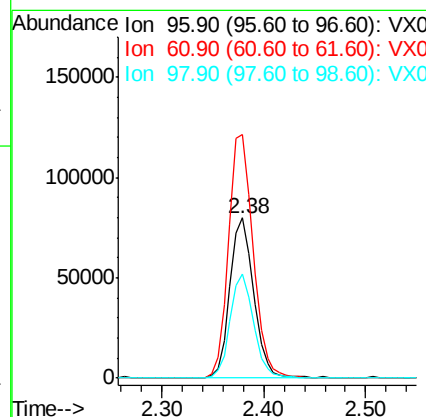
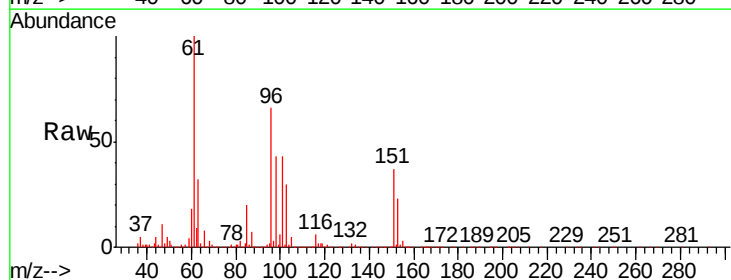
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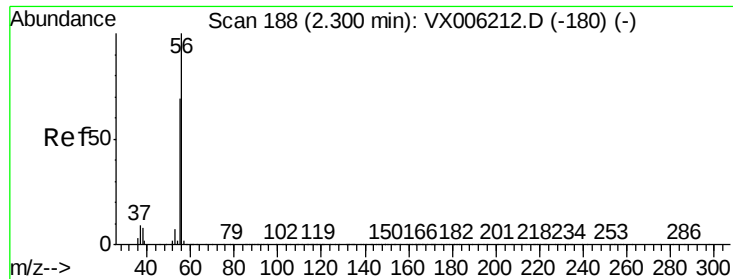
MMDadoda
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#12
1,1-Dichloroethene
Concen: 19.620 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Tgt Ion: 96 Resp: 128386
Ion Ratio Lower Upper
96 100
61 152.3 131.7 197.5
98 65.1 51.8 77.6





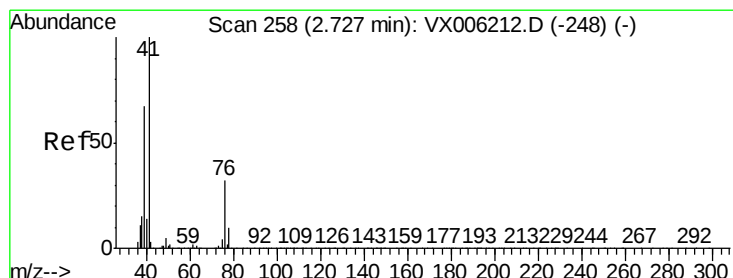
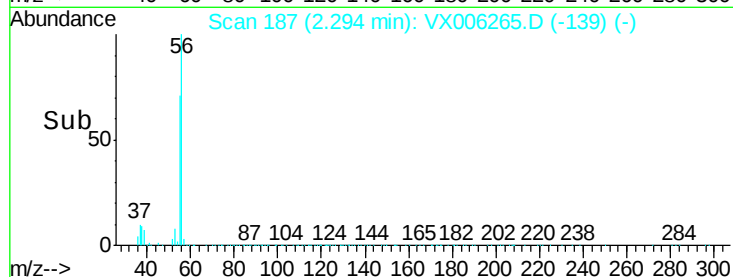
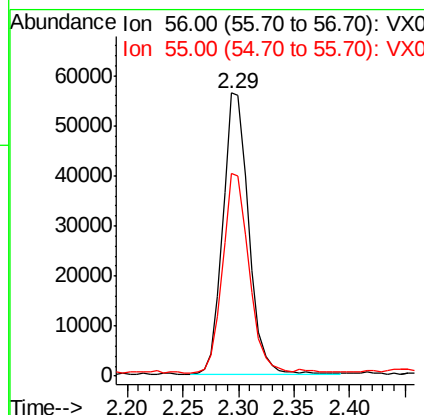
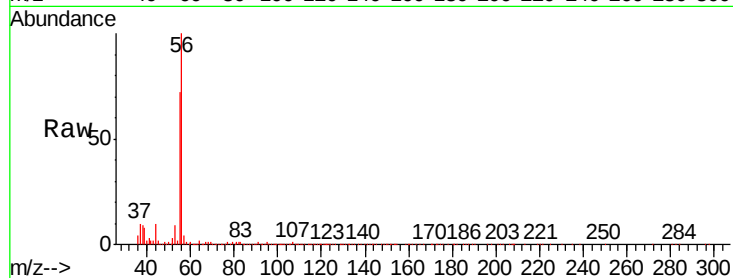
#13
Acrolein
Concen: 82.081 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBSD01

Tgt Ion: 56 Resp: 90573
Ion Ratio Lower Upper
56 100
55 71.7 57.8 86.6

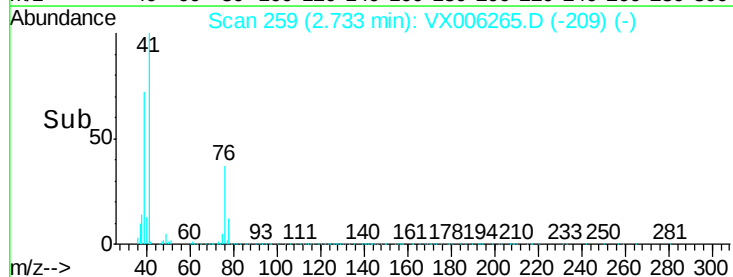
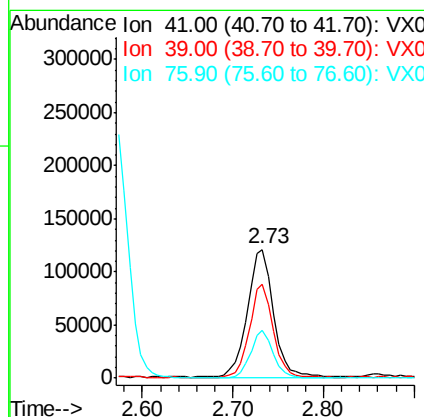
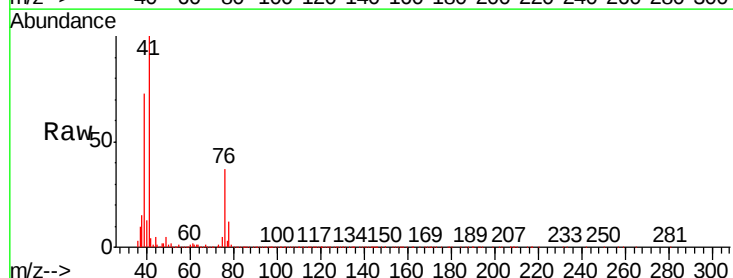
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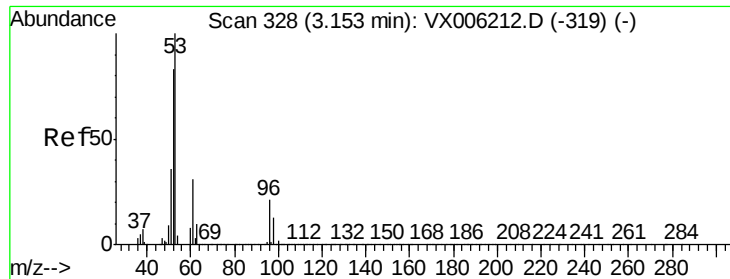
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#14
Allyl chloride
Concen: 18.422 ug/l
RT: 2.73 min Scan# 259
Delta R.T. 0.01 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Tgt Ion: 41 Resp: 238134
Ion Ratio Lower Upper
41 100
39 66.7 52.4 78.6
76 32.3 25.4 38.0





#15

Acrylonitrile

Concen: 96.623 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX006265.D

Acq: 03 Dec 2018 20:31

Instrument :

MSVOA_X

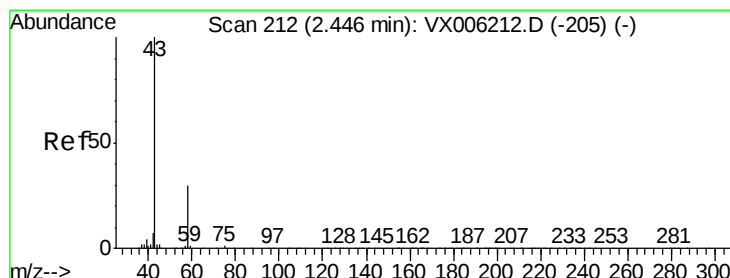
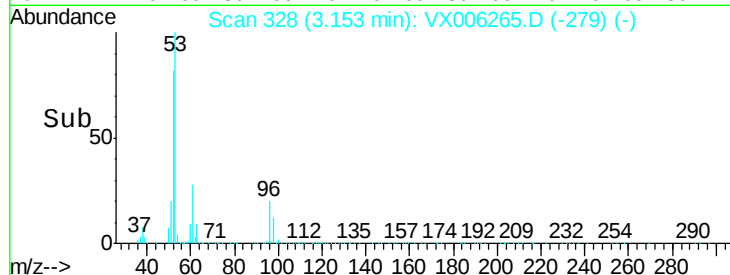
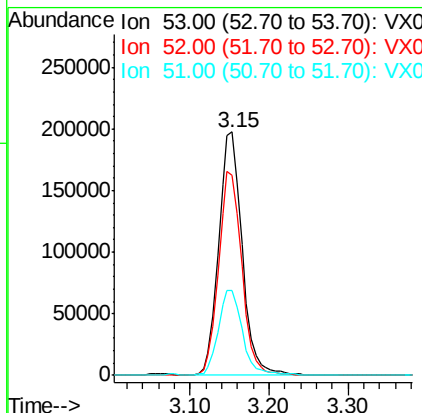
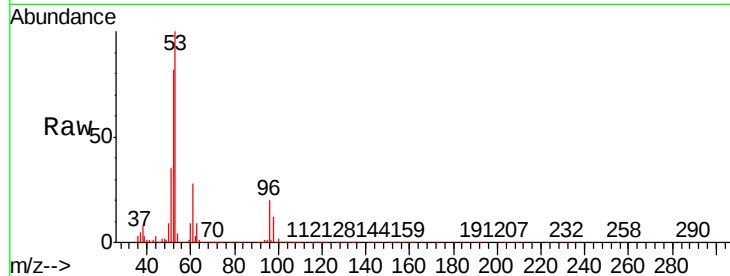
ClientSampleId :

VX1203WBSD01

Tgt Ion:	53	Resp:	407068
Ion Ratio		Lower	Upper
53	100		
52	83.0	66.2	99.4
51	36.1	28.7	43.1

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#16

Acetone

Concen: 99.043 ug/l

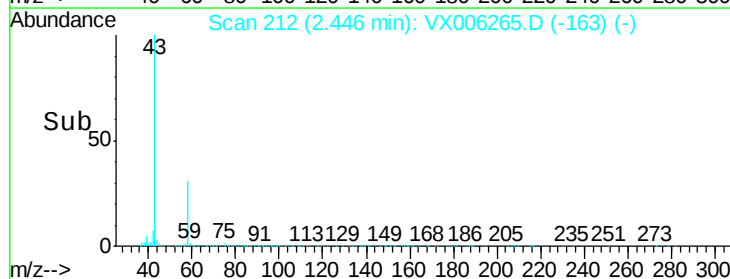
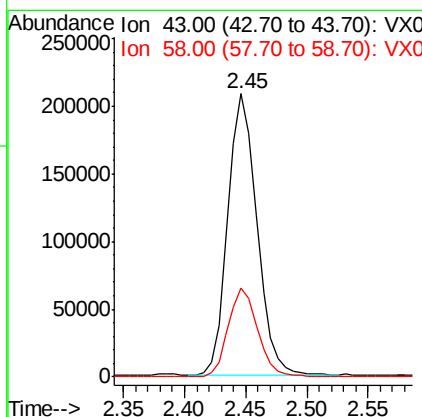
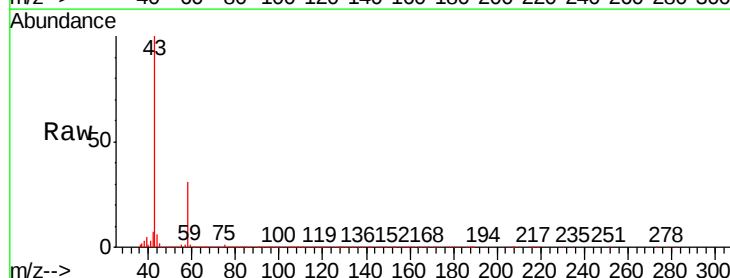
RT: 2.45 min Scan# 212

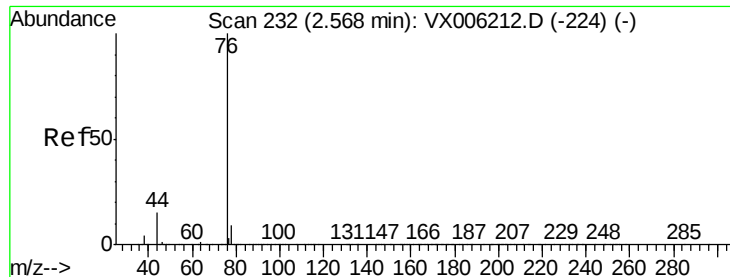
Delta R.T. -0.00 min

Lab File: VX006265.D

Acq: 03 Dec 2018 20:31

Tgt Ion:	43	Resp:	343131
Ion Ratio		Lower	Upper
43	100		
58	31.3	24.0	36.0





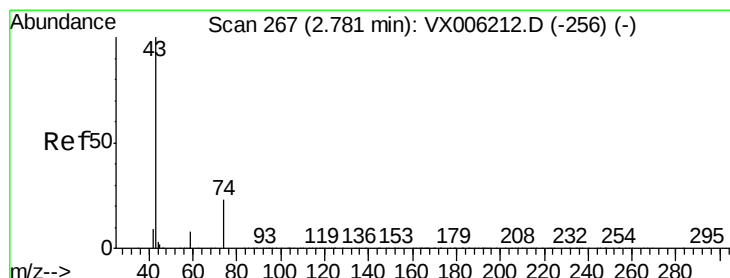
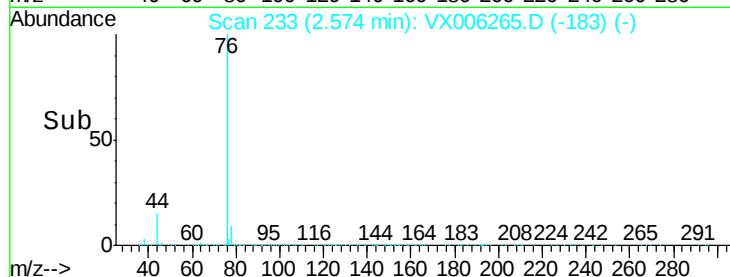
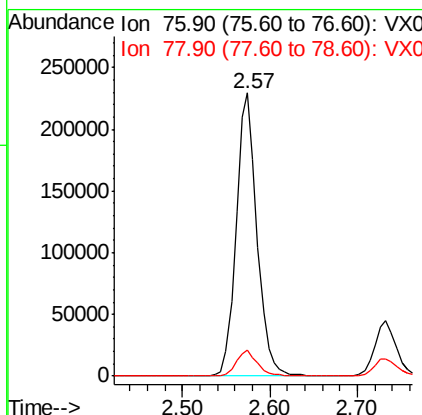
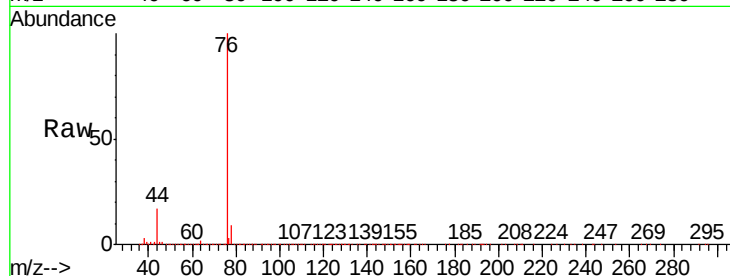
#17
Carbon Disulfide
Concen: 18.796 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBSD01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

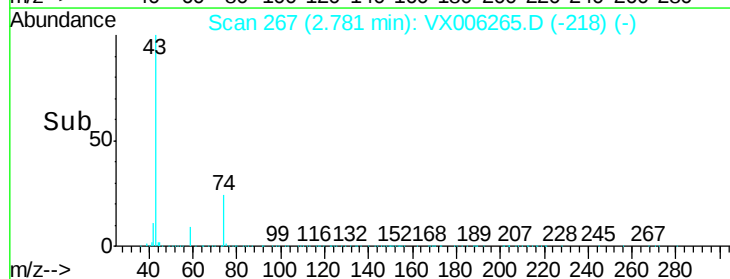
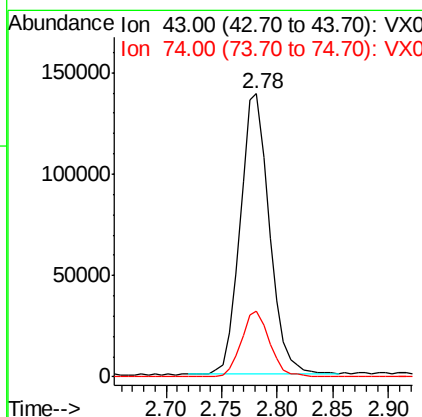
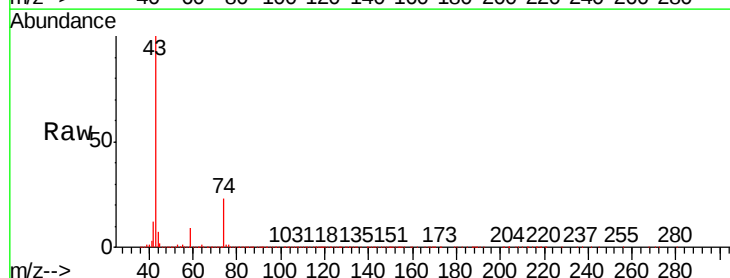
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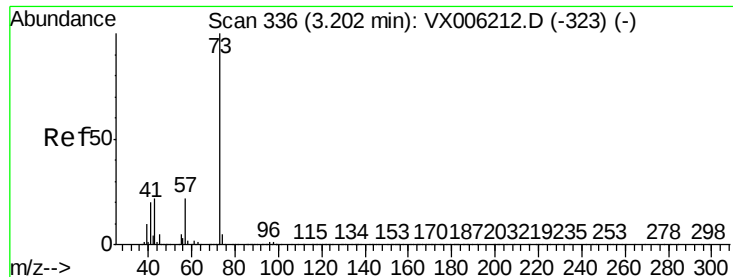
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#18
Methyl Acetate
Concen: 21.701 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	17.9	26.9





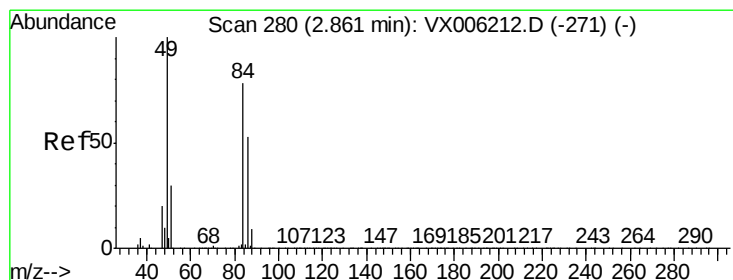
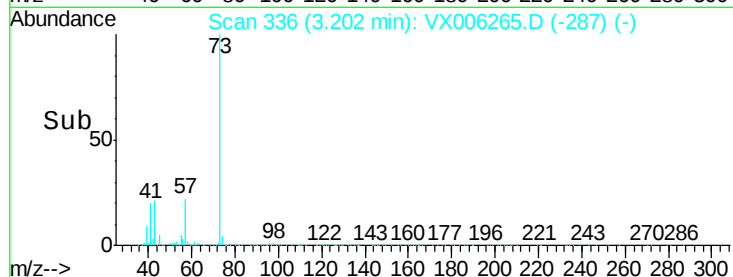
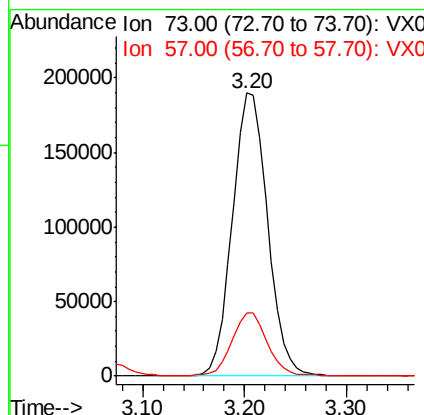
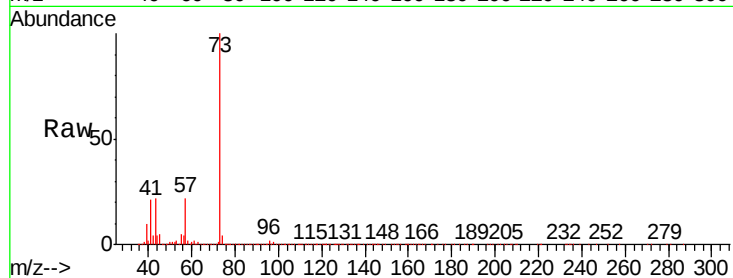
#19
Methyl tert-butyl Ether
Concen: 19.445 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBSD01

Tgt Ion: 73 Resp: 453928
Ion Ratio Lower Upper
73 100
57 21.9 17.5 26.3

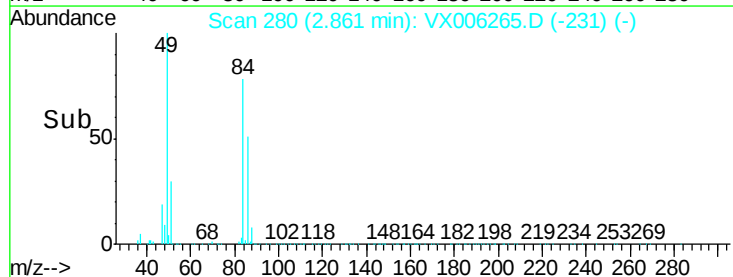
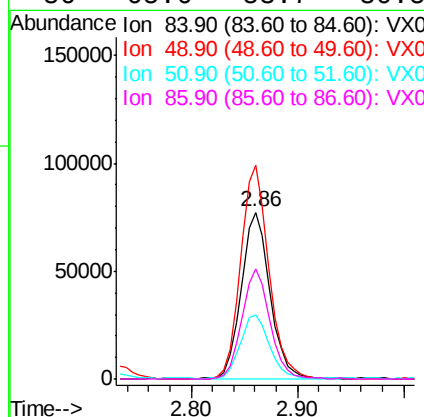
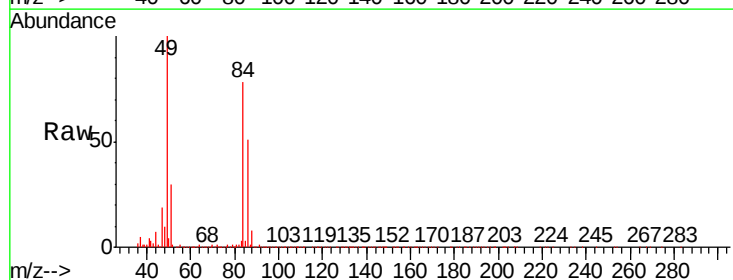
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#20
Methylene Chloride
Concen: 19.742 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Tgt Ion: 84 Resp: 145560
Ion Ratio Lower Upper
84 100
49 128.0 102.2 153.4
51 37.7 31.1 46.7
86 65.6 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 19.213 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006265.D

Acq: 03 Dec 2018 20:31

Instrument :

MSVOA_X

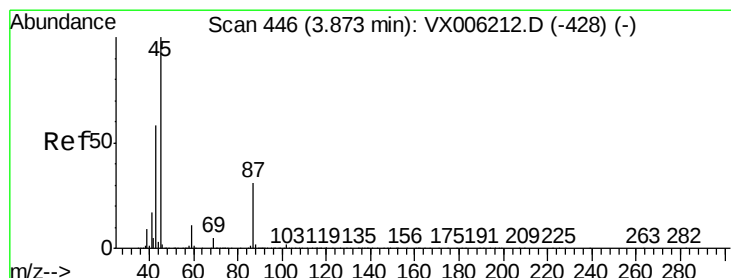
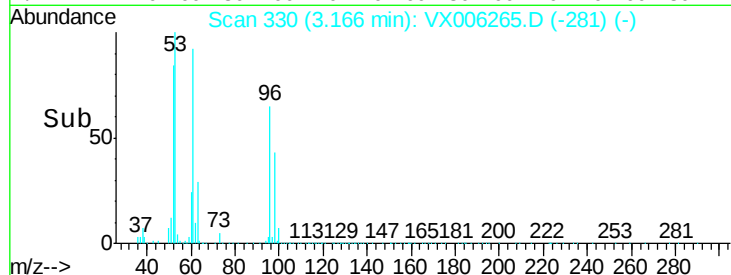
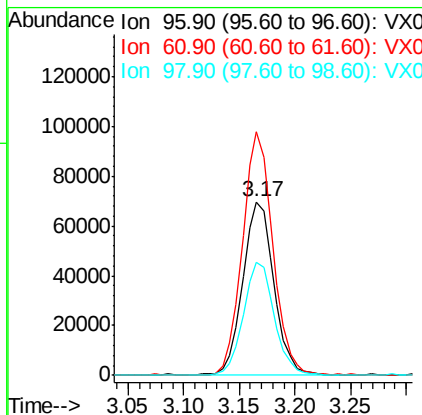
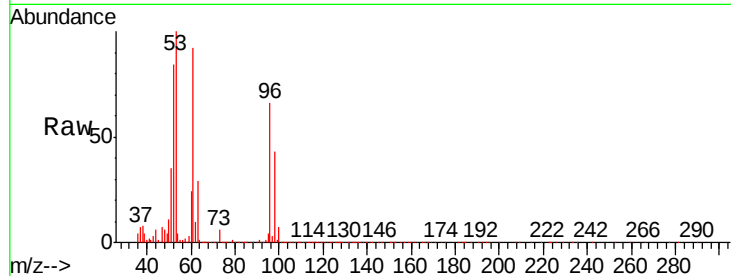
ClientSampleId :

VX1203WBSD01

Tgt Ion:	96	Resp:	133980
Ion	Ratio	Lower	Upper
96	100		
61	140.7	113.3	169.9
98	65.2	53.2	79.8

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#22

Diisopropyl ether

Concen: 19.811 ug/l

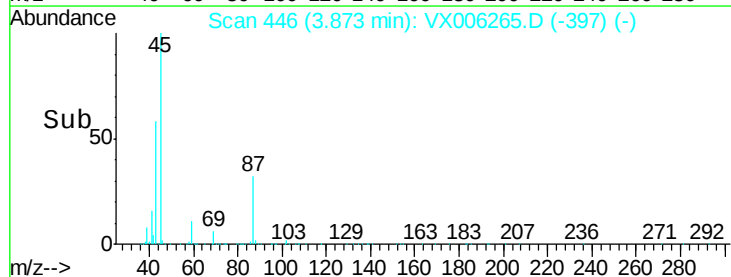
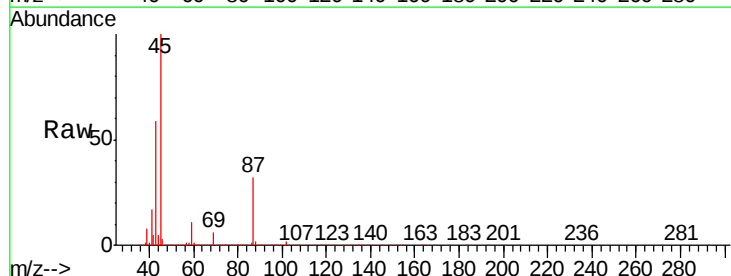
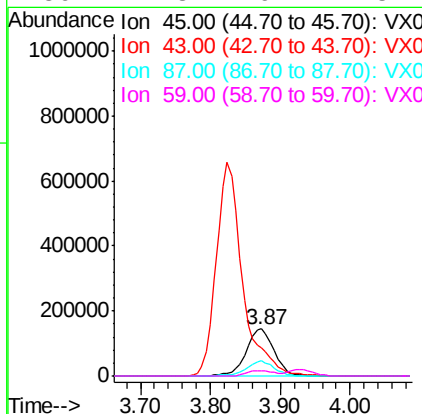
RT: 3.87 min Scan# 446

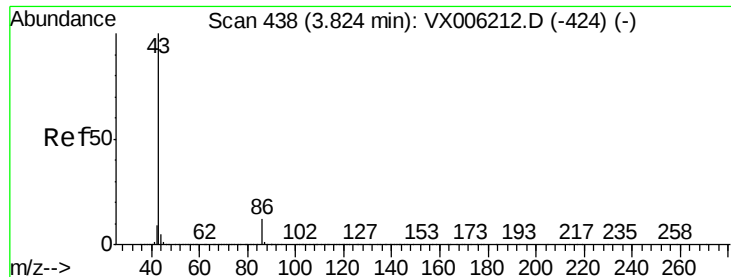
Delta R.T. -0.00 min

Lab File: VX006265.D

Acq: 03 Dec 2018 20:31

Tgt Ion:	45	Resp:	399995
Ion	Ratio	Lower	Upper
45	100		
43	58.7	46.2	69.2
87	32.4	24.9	37.3
59	11.3	9.1	13.7





#23

Vinyl Acetate

Concen: 99.467 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006265.D

Acq: 03 Dec 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBSD01

Tgt Ion: 43 Resp: 1712890

Ion Ratio Lower Upper

43 100

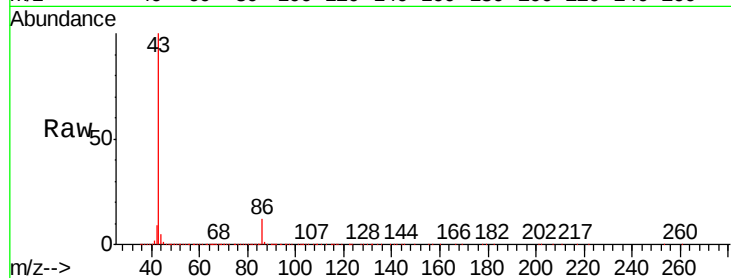
86 11.7 9.4 14.0

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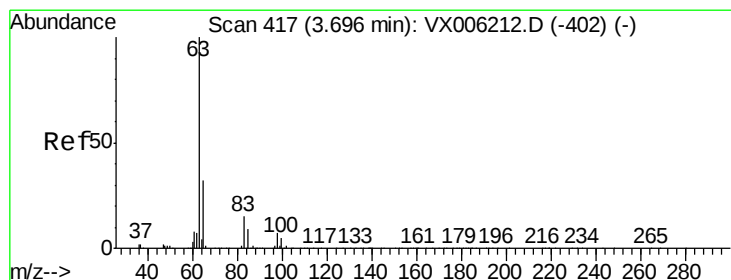
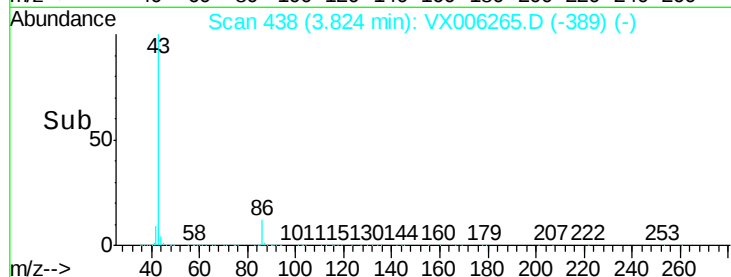
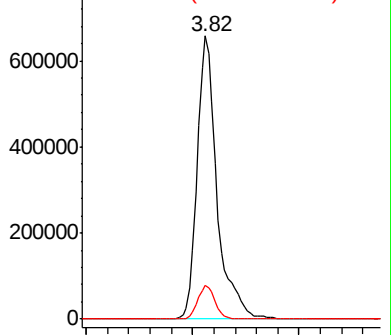
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.079 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006265.D

Acq: 03 Dec 2018 20:31

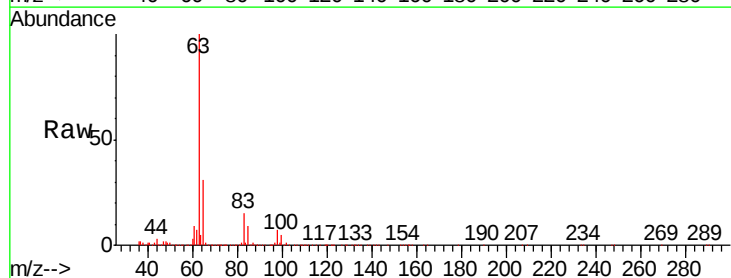
Tgt Ion: 63 Resp: 231713

Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.4

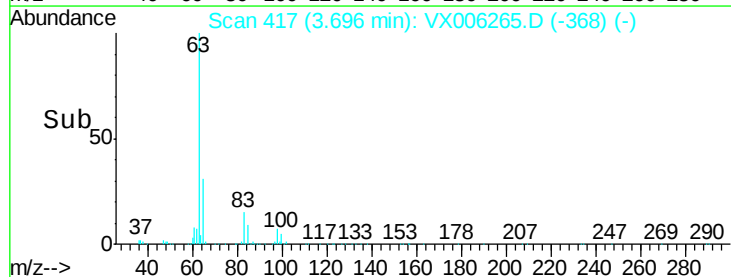
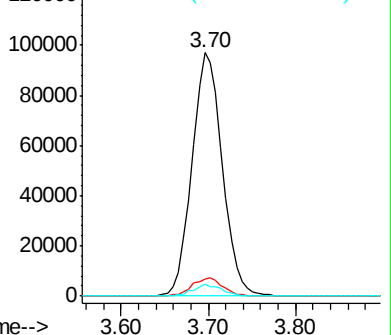
100 4.8 2.5 7.4

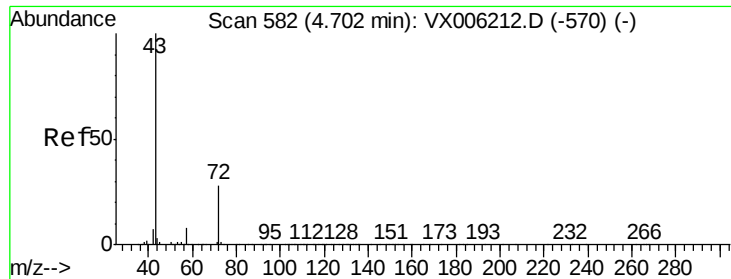


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 99.931 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006265.D

Acq: 03 Dec 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBSD01

Tgt Ion: 43 Resp: 493990

Ion Ratio Lower Upper

43 100

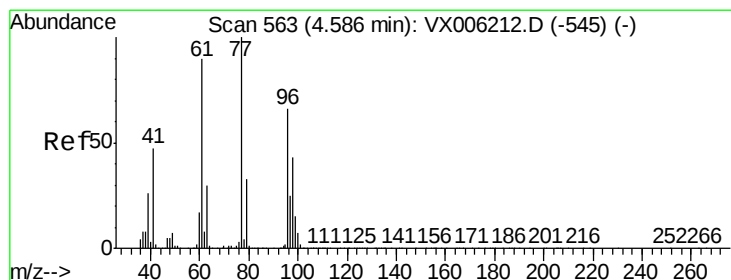
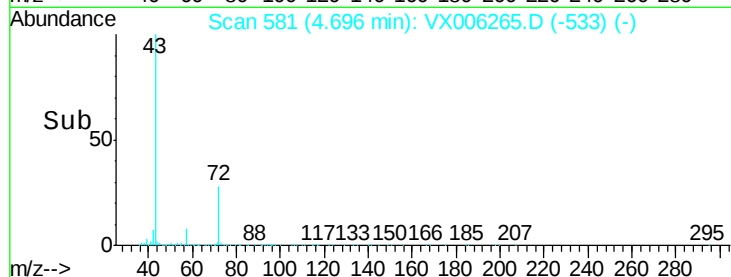
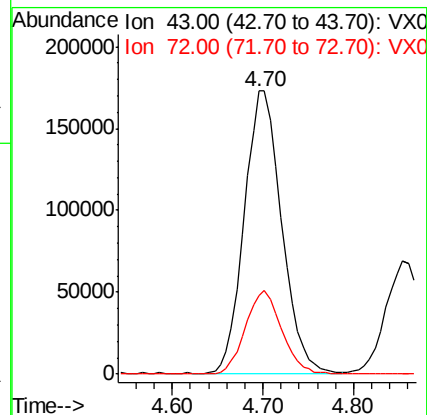
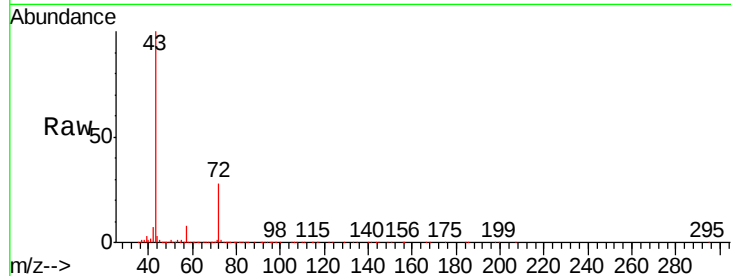
72 27.6 22.6 33.8

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#26

2,2-Dichloropropane

Concen: 16.278 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006265.D

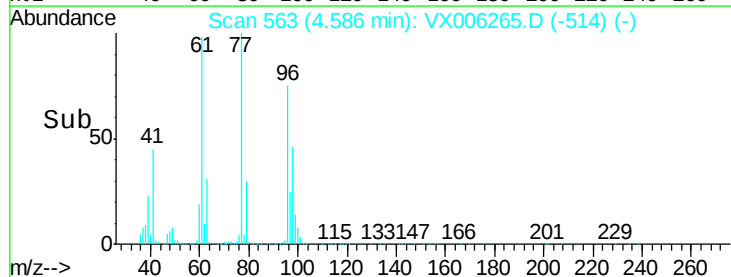
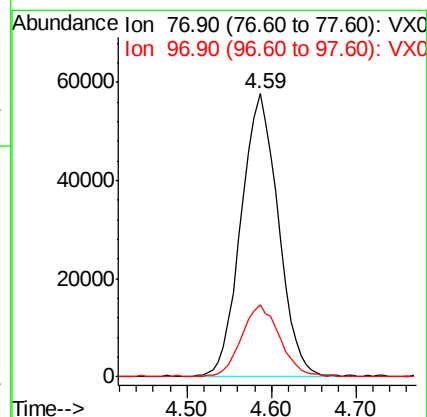
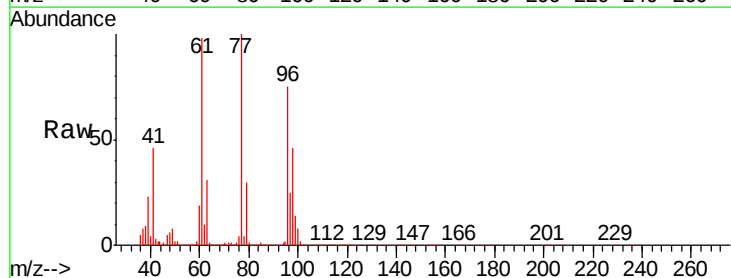
Acq: 03 Dec 2018 20:31

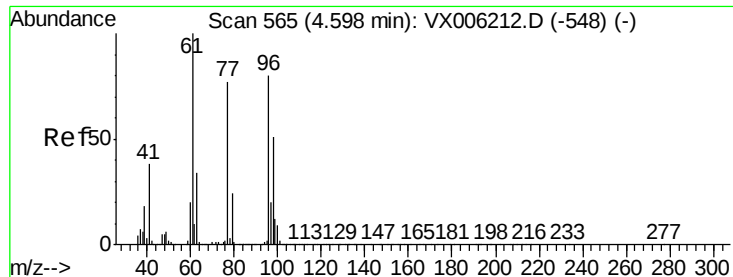
Tgt Ion: 77 Resp: 173365

Ion Ratio Lower Upper

77 100

97 25.7 12.3 36.8





#27

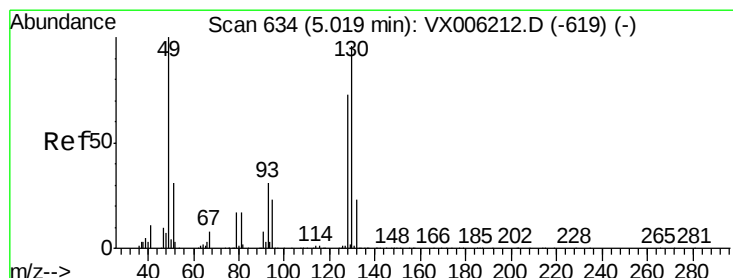
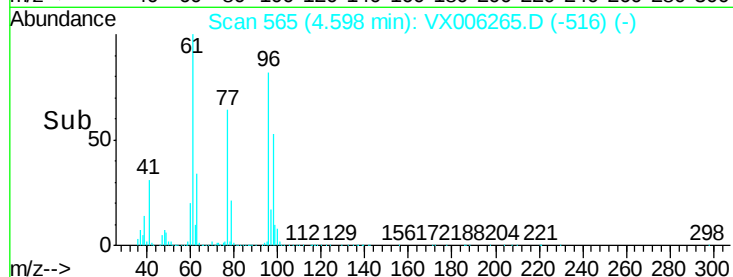
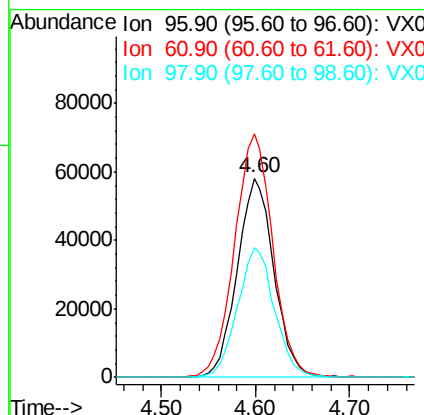
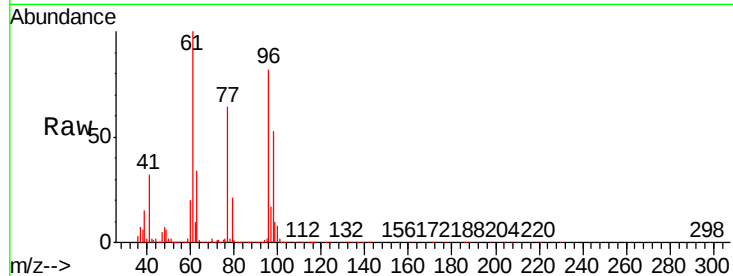
cis-1,2-Dichloroethene
Concen: 20.250 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	157514		
61	127.9	0.0	265.0	
98	65.7	0.0	130.2	

Manual Integrations
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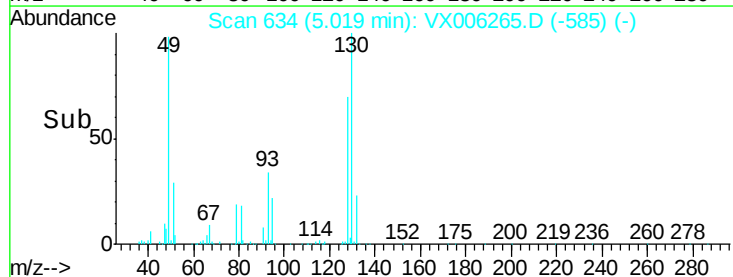
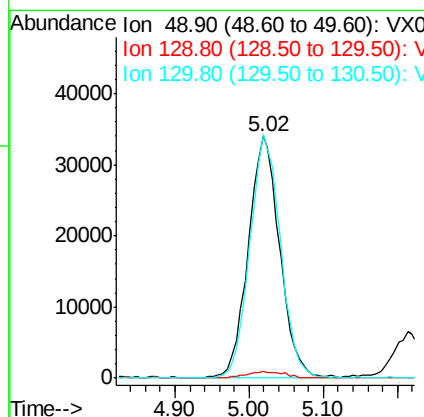
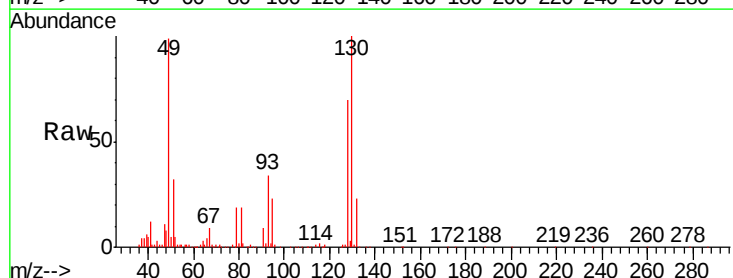
MMDadoda
12/4/2018 9:58:55 AM

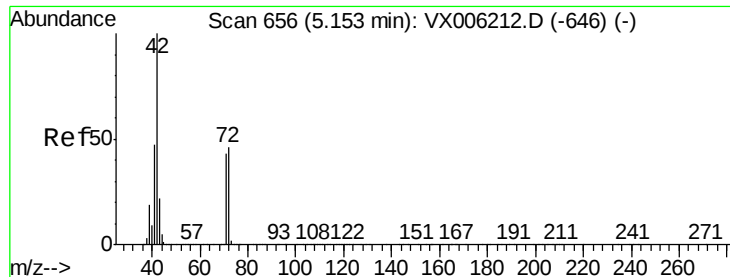


#28

Bromochloromethane
Concen: 19.863 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	100122		
129	3.2	0.0	5.0	
130	98.8	78.3	117.5	





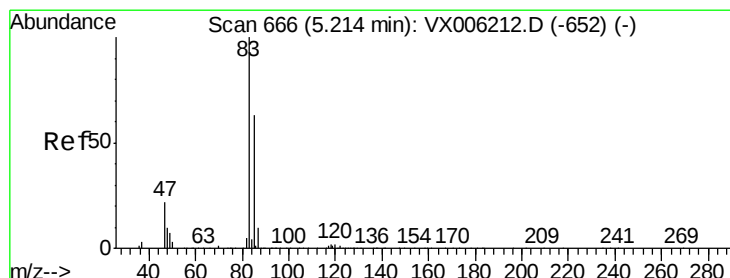
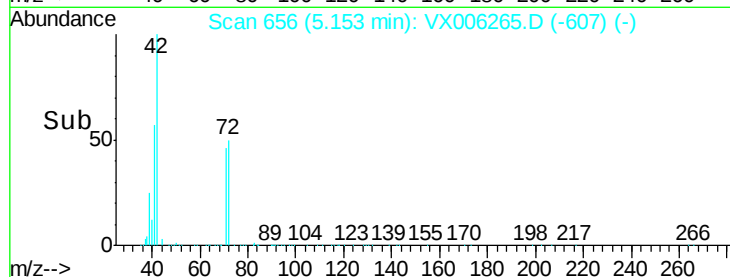
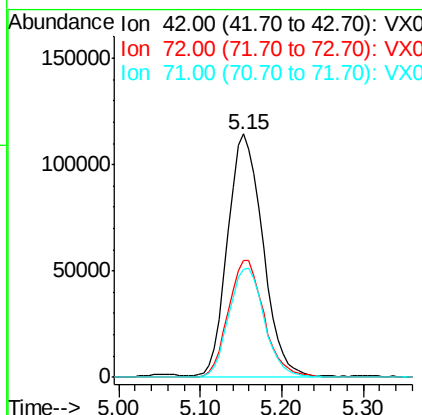
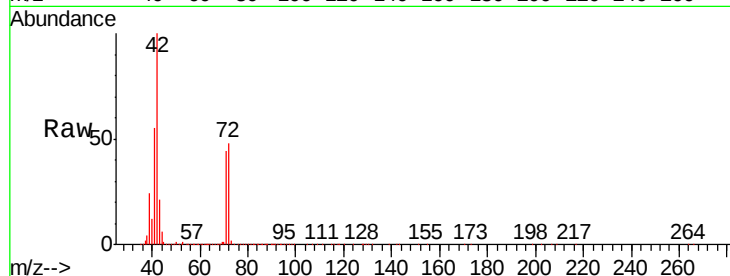
#29
Tetrahydrofuran
Concen: 99.408 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	48.4	37.8	56.8
71	45.4	35.2	52.8

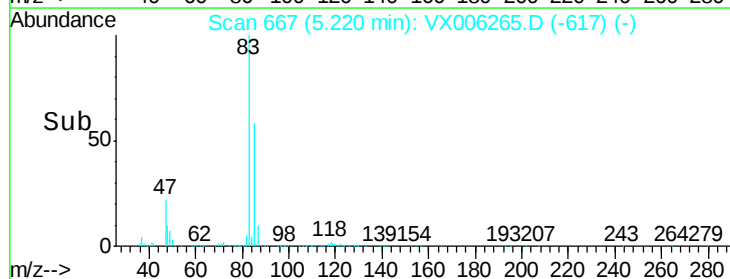
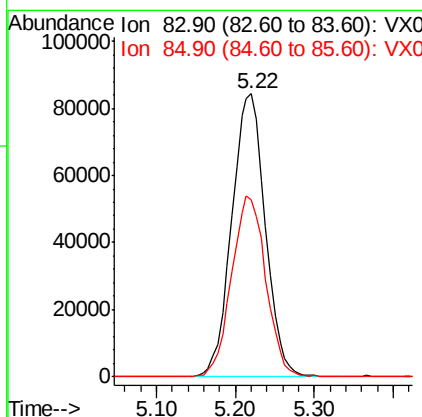
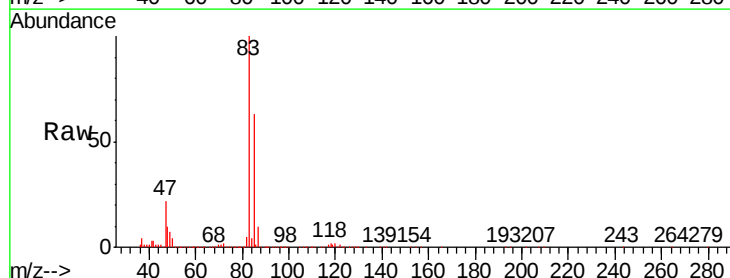
Manual Integrations
APPROVED

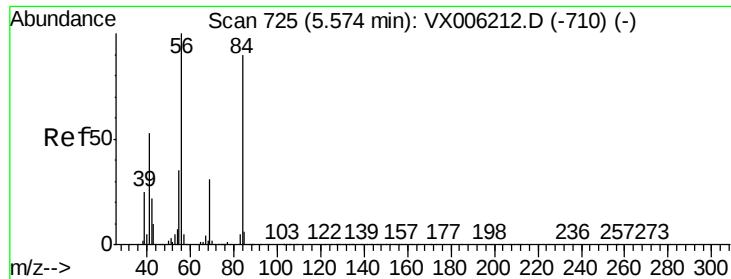
MMDadoda
12/4/2018 9:58:55 AM



#30
Chloroform
Concen: 20.428 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.3	75.5





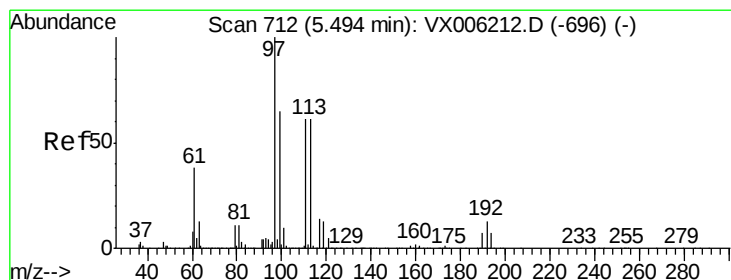
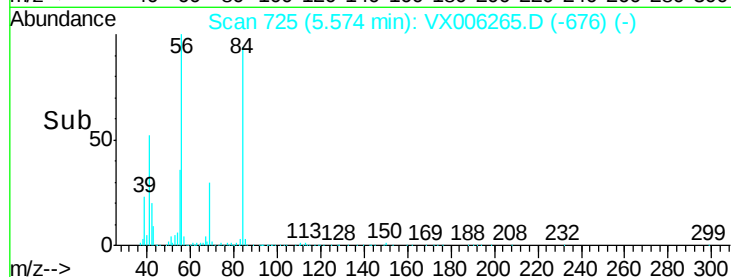
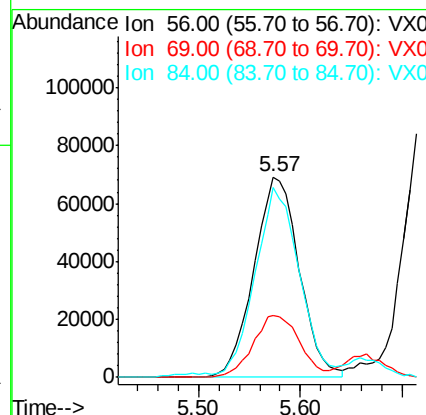
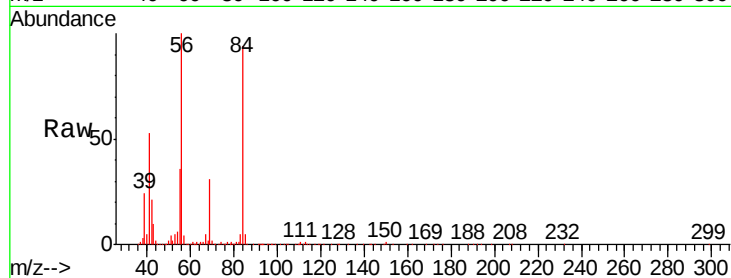
#31
Cyclohexane
Concen: 19.826 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.6	24.5	36.7
84	93.0	71.8	107.6

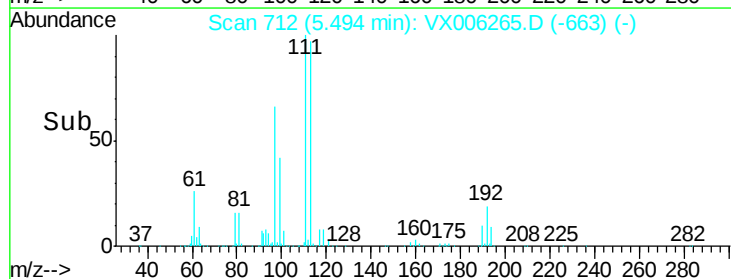
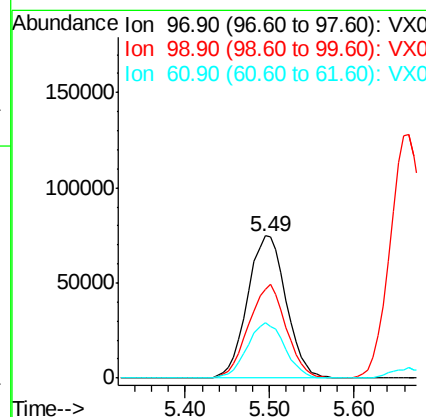
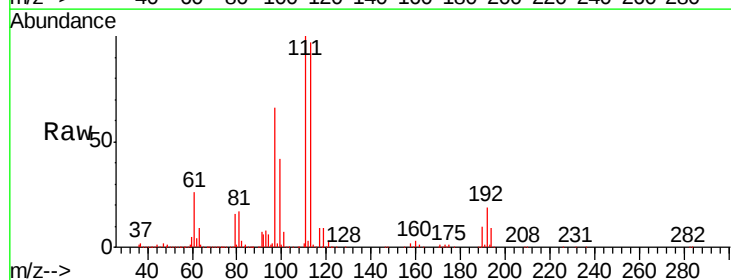
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APPROVED

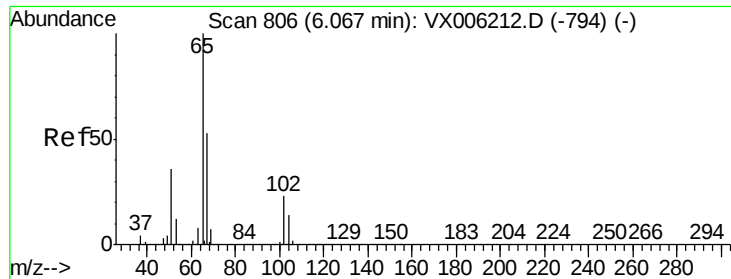
MMDadoda
12/4/2018 9:58:55 AM



#32
1,1,1-Trichloroethane
Concen: 20.046 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.6	77.4
61	38.4	30.6	46.0





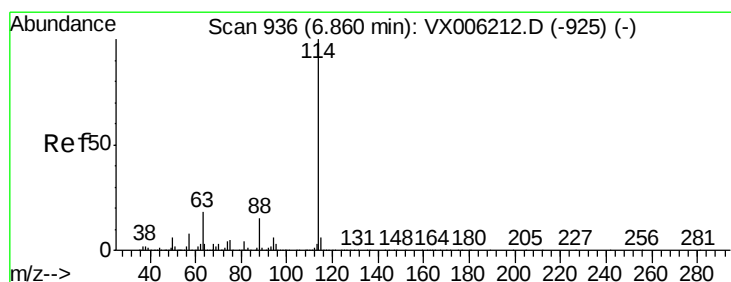
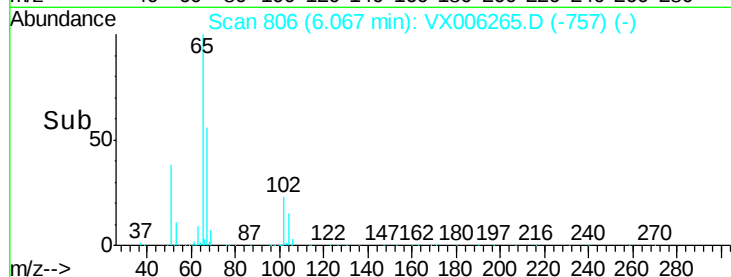
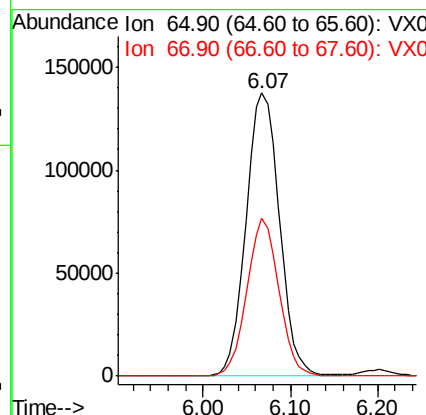
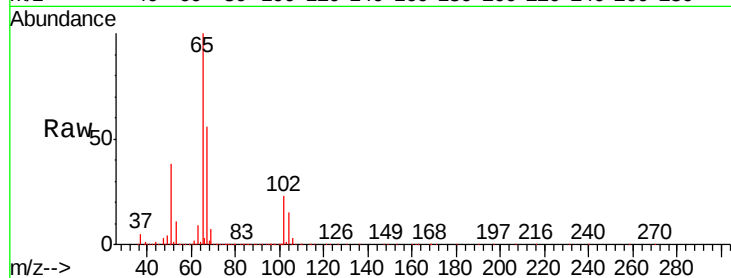
#33
 1,2-Dichloroethane-d4
 Concen: 49.453 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006265.D
 Acq: 03 Dec 2018 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBSD01

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	107.2

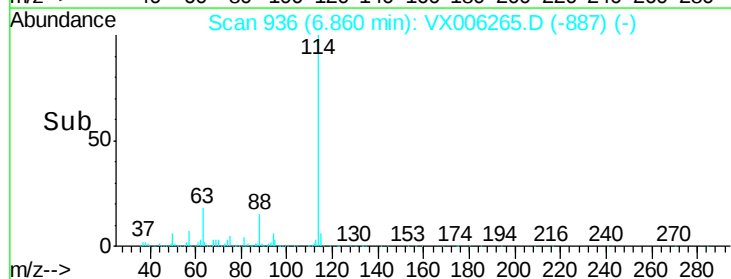
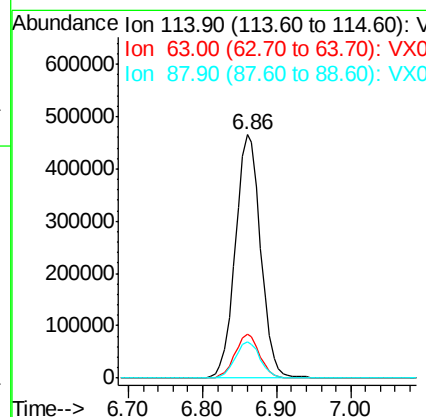
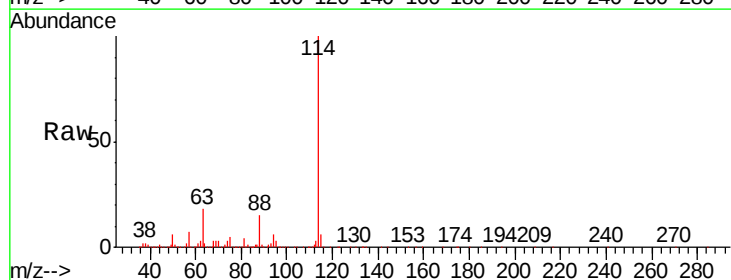
Manual Integrations
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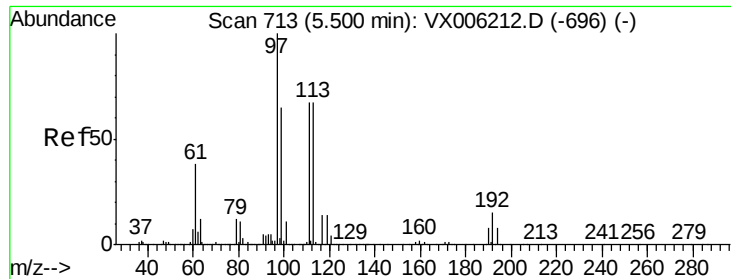
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006265.D
 Acq: 03 Dec 2018 20:31

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	36.6
88	14.8	0.0	29.0





#35

Dibromofluoromethane

Concen: 48.536 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006265.D

Acq: 03 Dec 2018 20:31

Instrument :

MSVOA_X

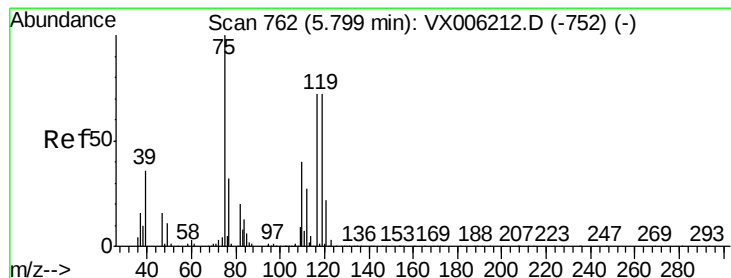
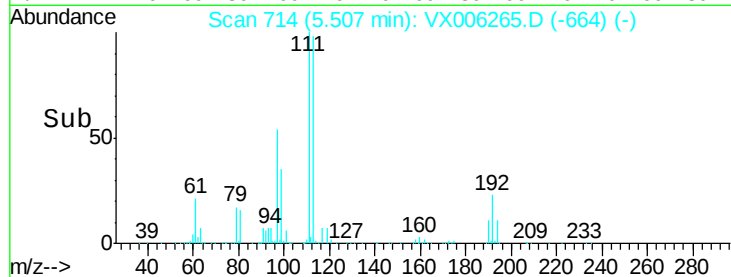
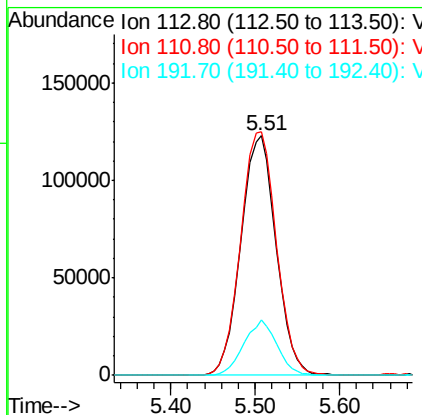
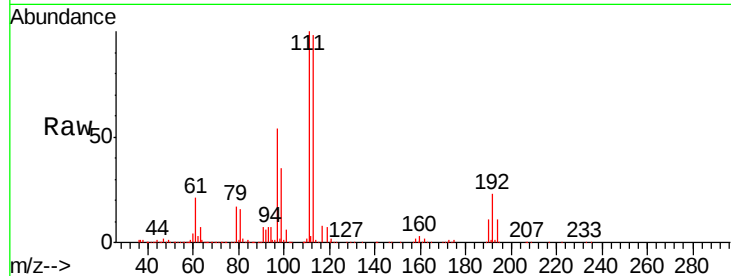
ClientSampleId :

VX1203WBSD01

Tgt Ion:	113	Resp:	347463
Ion Ratio	Lower	Upper	
113	100		
111	103.3	81.1	121.7
192	21.7	18.2	27.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.128 ug/l

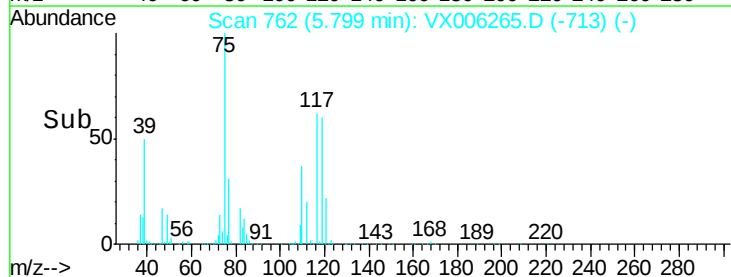
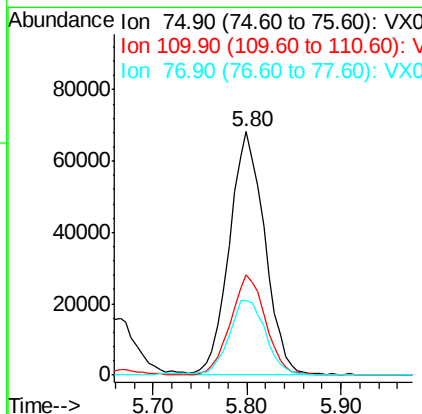
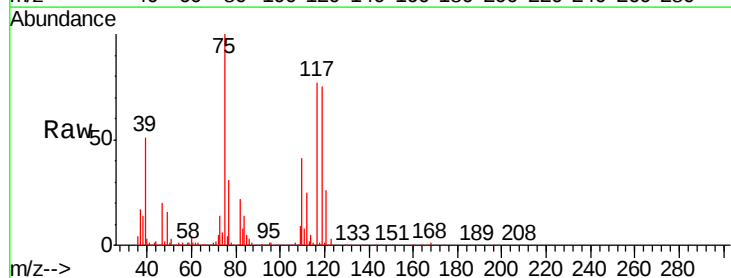
RT: 5.80 min Scan# 762

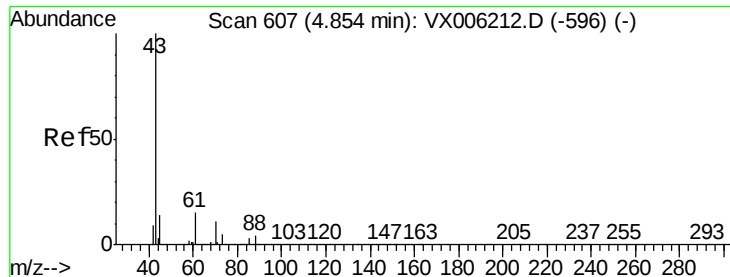
Delta R.T. -0.00 min

Lab File: VX006265.D

Acq: 03 Dec 2018 20:31

Tgt Ion:	75	Resp:	178098
Ion Ratio	Lower	Upper	
75	100		
110	40.7	20.4	61.3
77	31.7	24.9	37.3





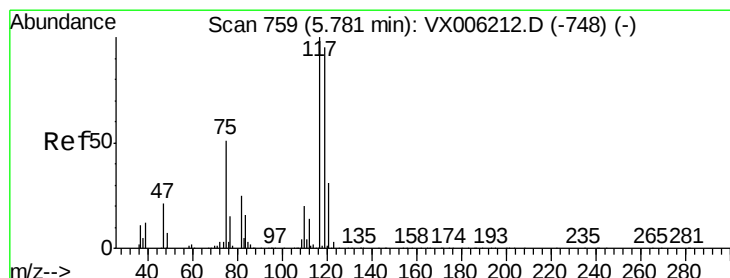
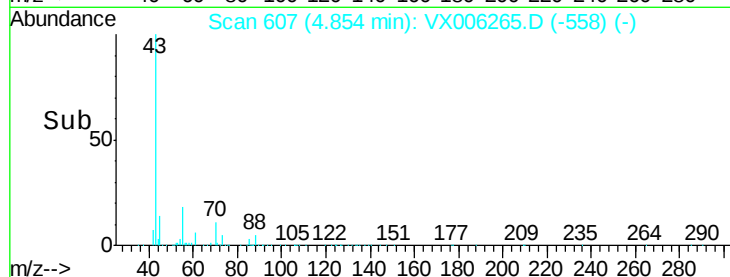
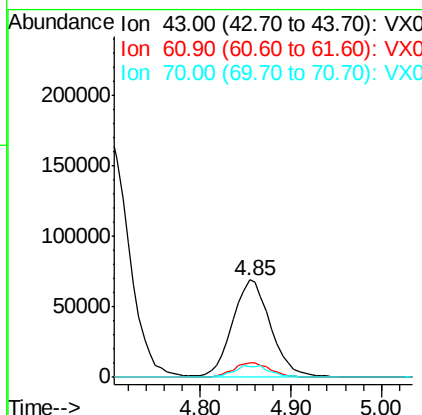
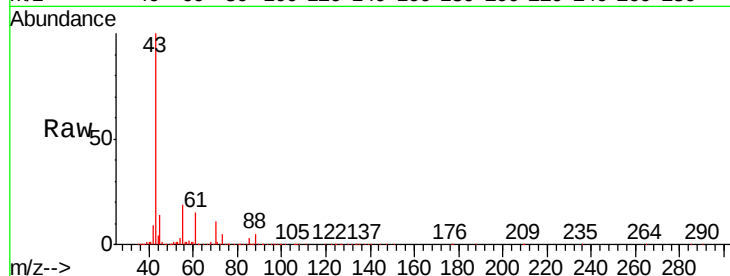
#37
Ethyl Acetate
Concen: 18.965 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.5	17.3
70	12.5	9.0	13.6

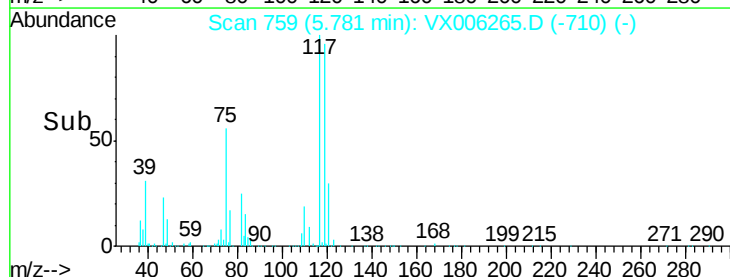
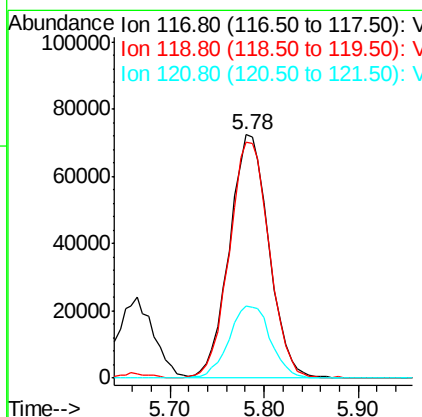
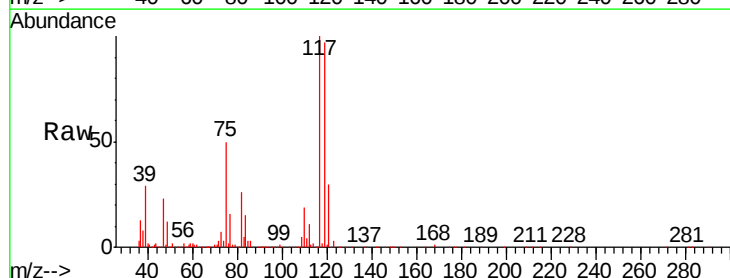
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#38
Carbon Tetrachloride
Concen: 19.207 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.8	113.8
121	29.8	24.6	37.0





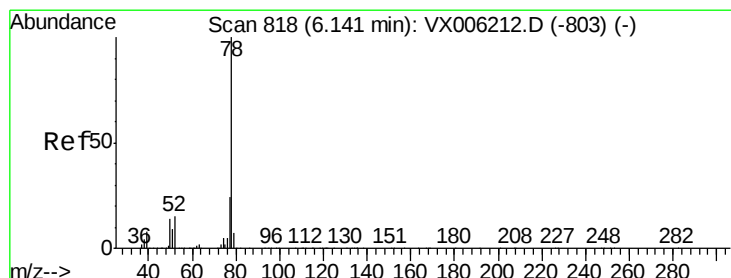
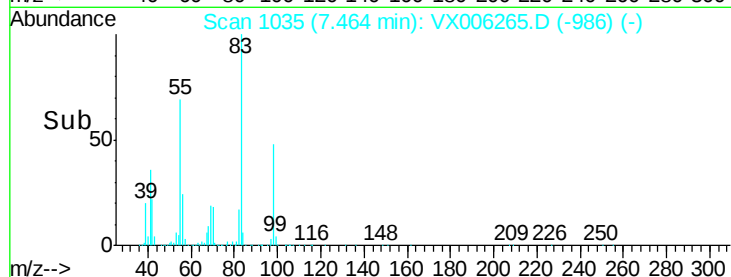
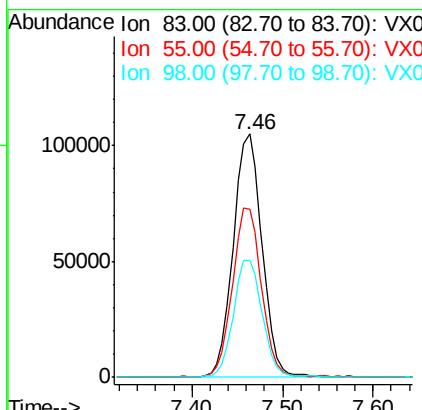
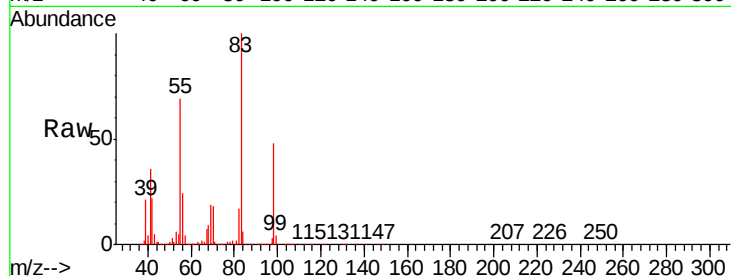
#39
Methylcyclohexane
Concen: 19.160 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	231566		
55	68.7	56.4	84.6	
98	48.1	39.0	58.6	

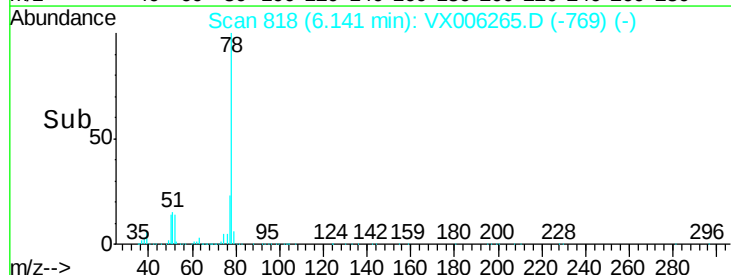
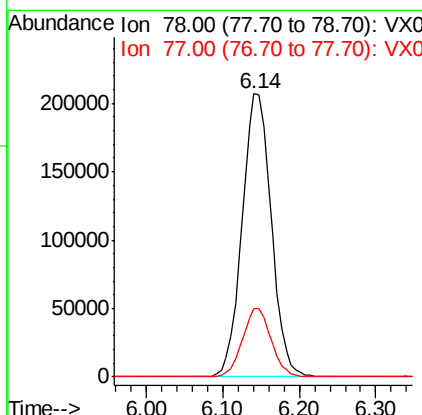
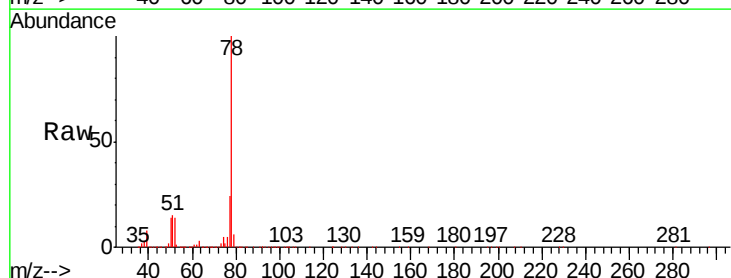
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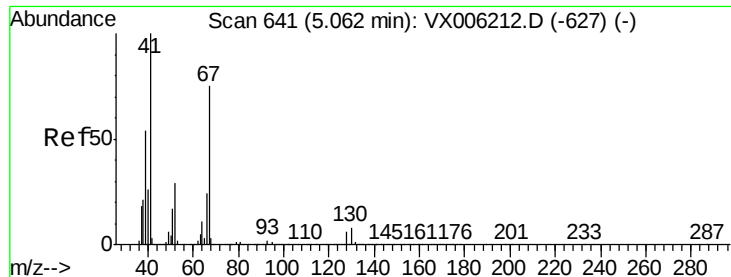
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#40
Benzene
Concen: 19.731 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	550239		
77	24.1	19.2	28.8	





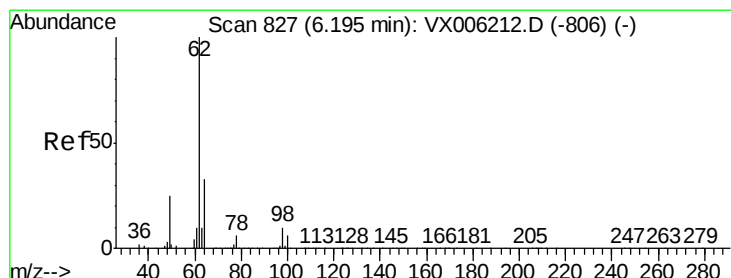
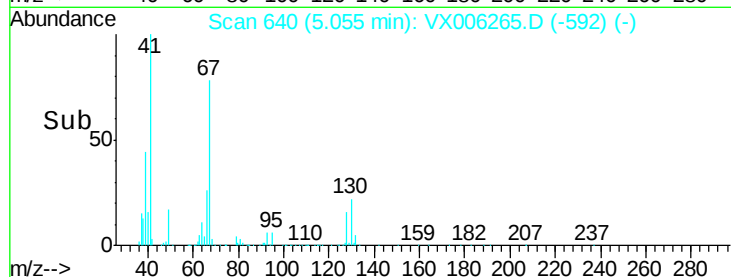
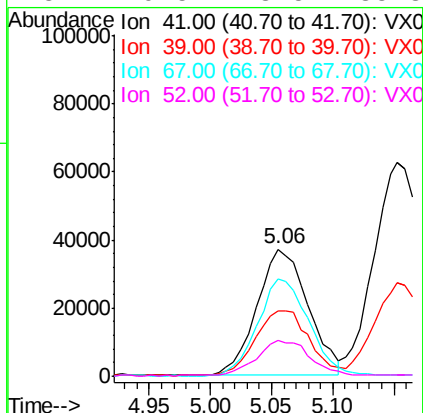
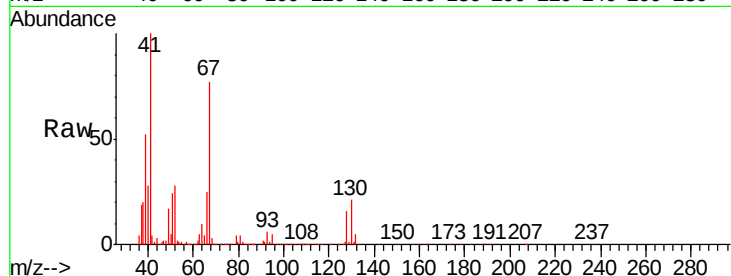
#41
Methacrylonitrile
Concen: 18.893 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.8	44.0	66.0
67	78.9	61.4	92.0
52	29.5	23.5	35.3

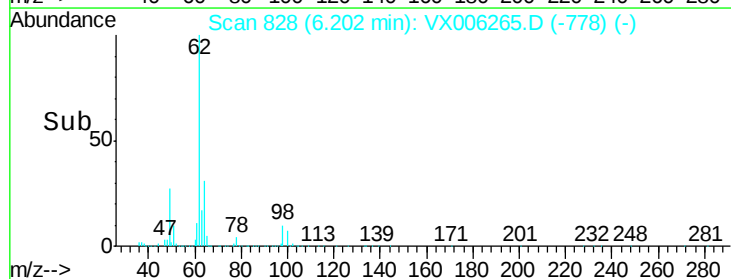
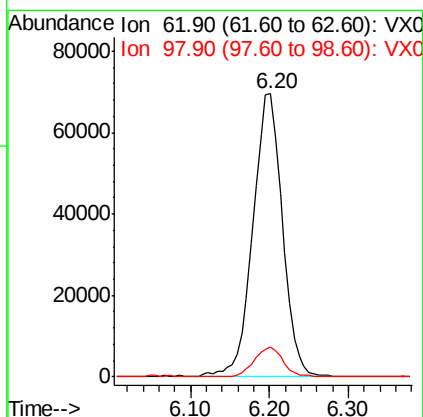
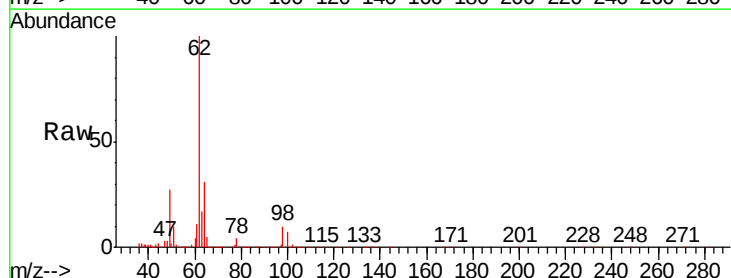
Manual Integrations
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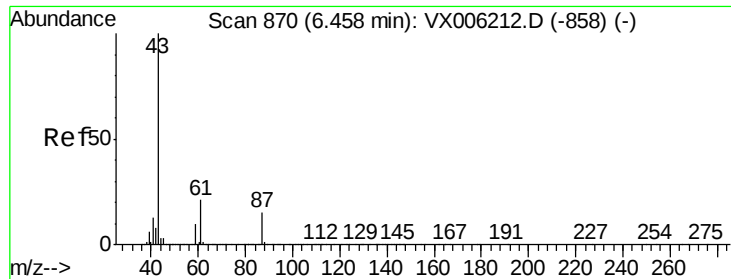
MMDadoda
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#42
1,2-Dichloroethane
Concen: 19.781 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2





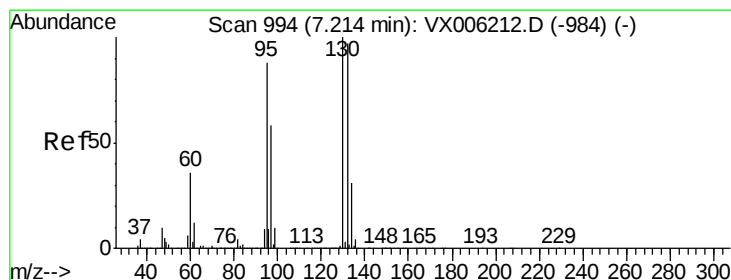
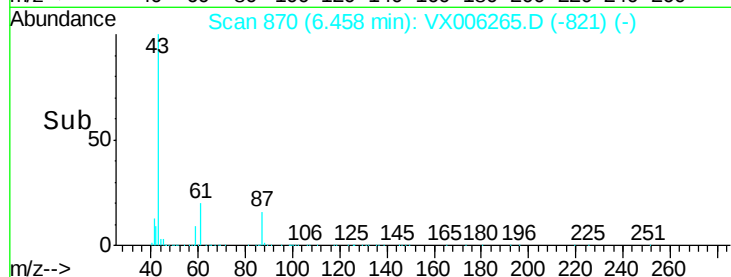
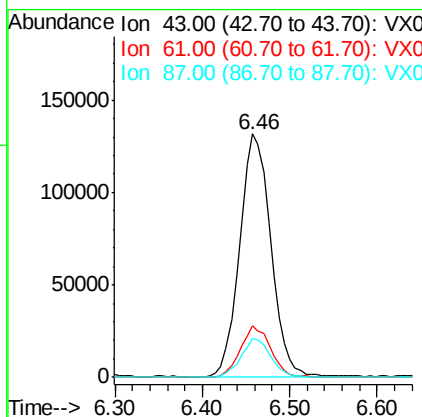
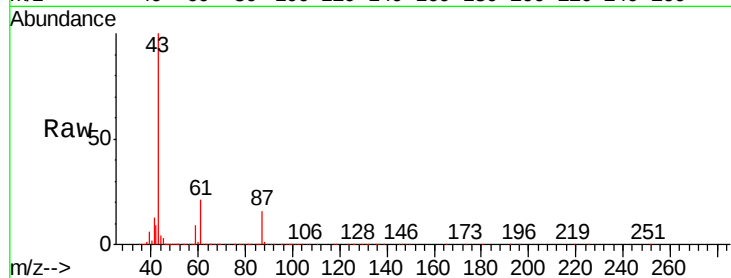
#43
Isopropyl Acetate
Concen: 18.666 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.8	25.2
87	15.6	11.9	17.9

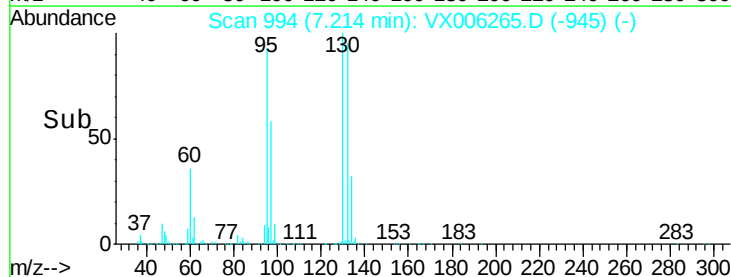
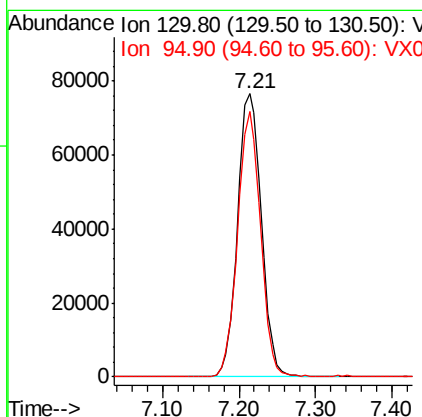
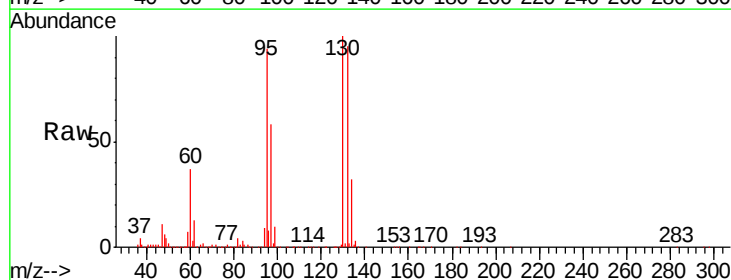
Manual Integrations
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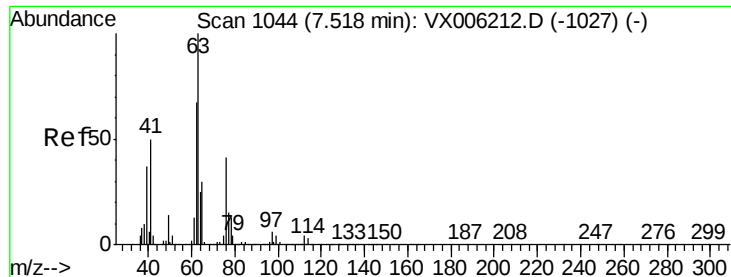
MMDadoda
12/4/2018 9:58:55 AM



#44
Trichloroethene
Concen: 19.613 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	175.8





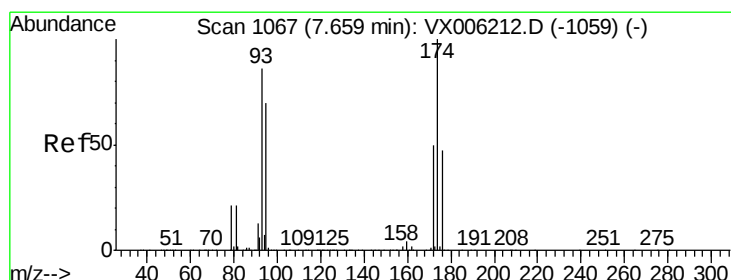
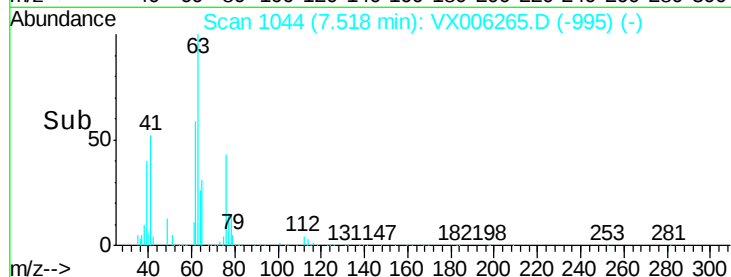
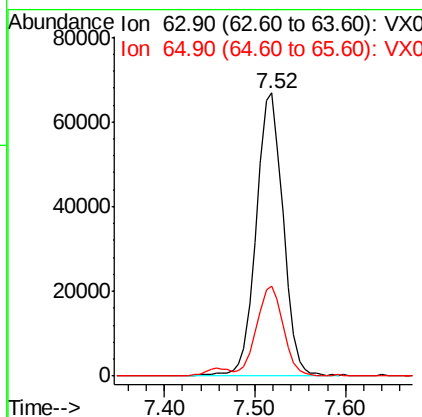
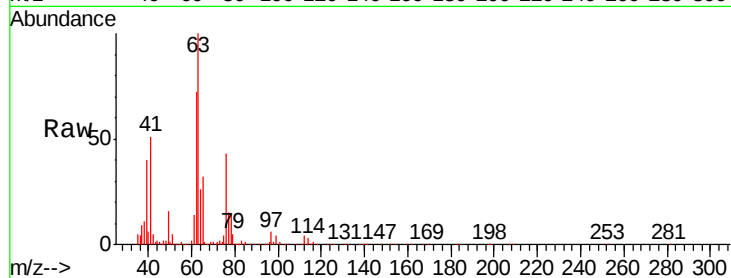
#45
 1,2-Dichloropropane
 Concen: 19.264 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX006265.D
 Acq: 03 Dec 2018 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBSD01

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.6	24.3	36.5

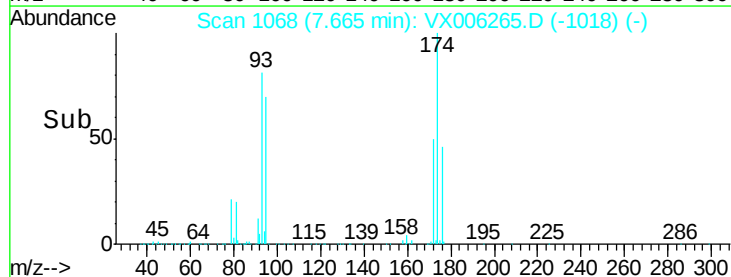
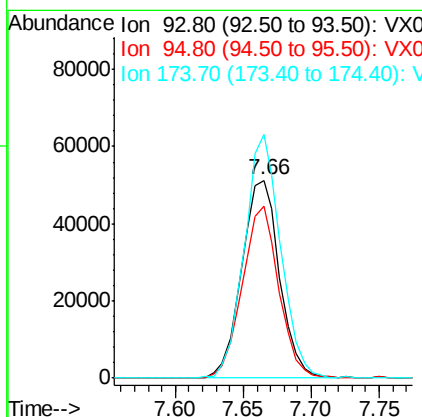
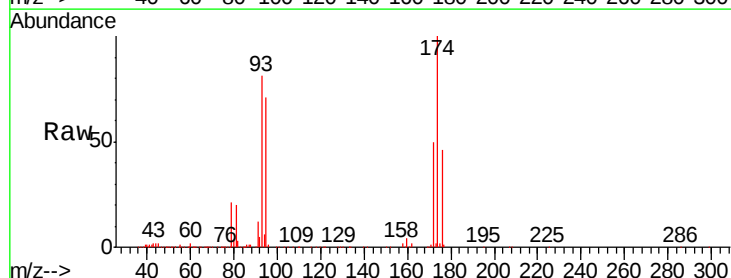
Manual Integrations
 APPROVED

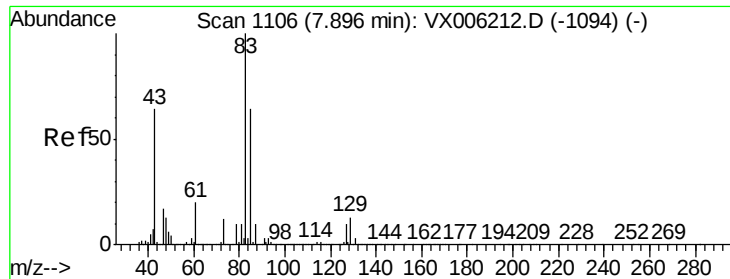
MMDadoda
 12/4/2018 9:58:55 AM



#46
 Dibromomethane
 Concen: 19.472 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006265.D
 Acq: 03 Dec 2018 20:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.0	66.2	99.4
174	118.3	97.2	145.8





#47

Bromodichloromethane

Concen: 19.769 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006265.D

Acq: 03 Dec 2018 20:31

Instrument :

MSVOA_X

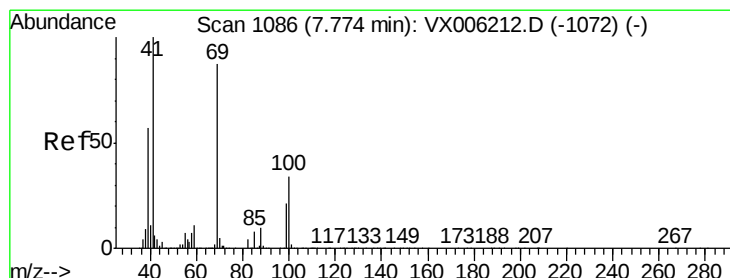
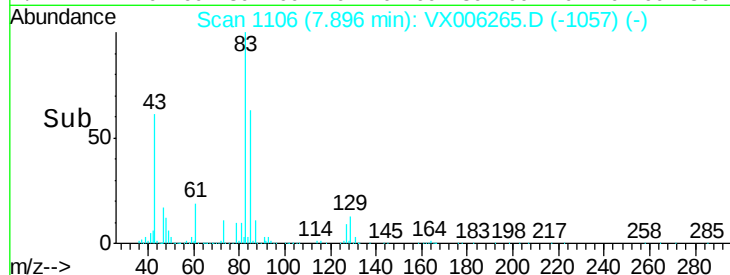
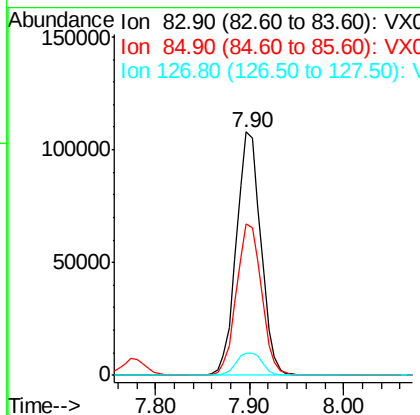
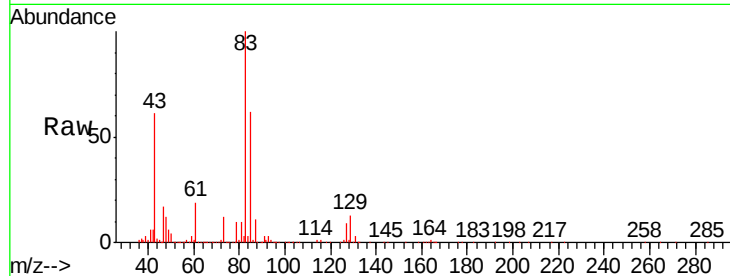
ClientSampleId :

VX1203WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	195963		
85	62.3	51.4	77.0	
127	9.1	7.9	11.9	

Manual Integrations
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12/4/2018 9:58:55 AM



#48

Methyl methacrylate

Concen: 18.831 ug/l

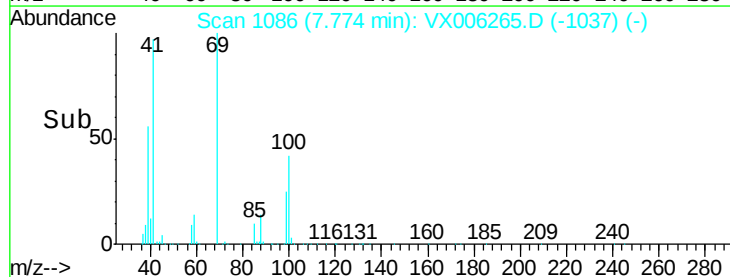
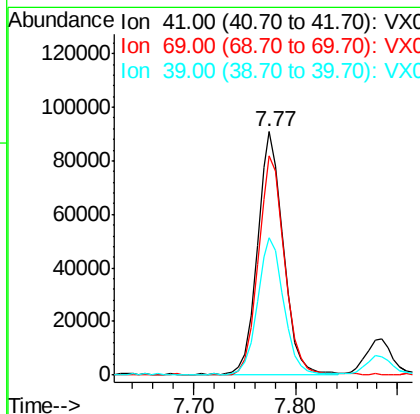
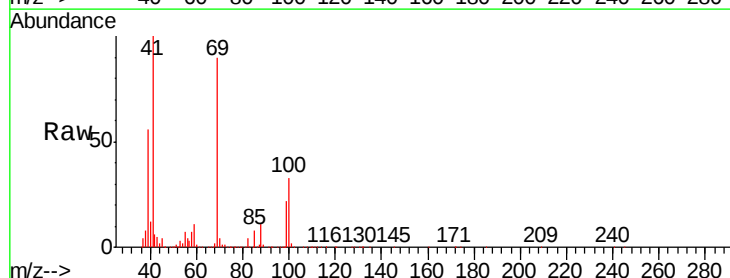
RT: 7.77 min Scan# 1086

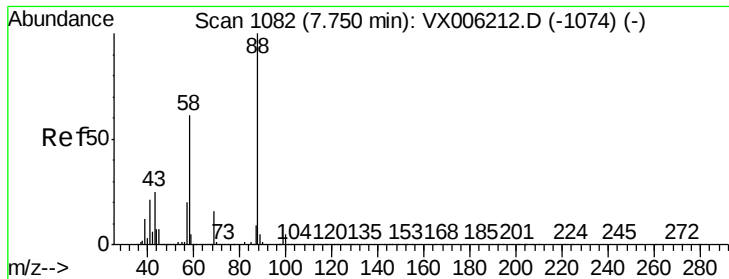
Delta R.T. -0.00 min

Lab File: VX006265.D

Acq: 03 Dec 2018 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	159267		
69	92.5	70.3	105.5	
39	57.5	45.3	67.9	





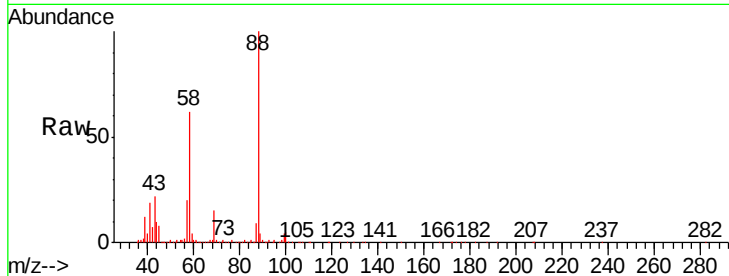
#49
1,4-Dioxane
Concen: 386.907 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	28.3	23.2	34.8
58	63.3	51.4	77.0

Manual Integrations
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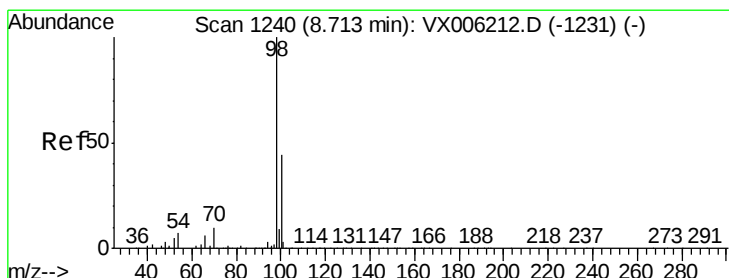
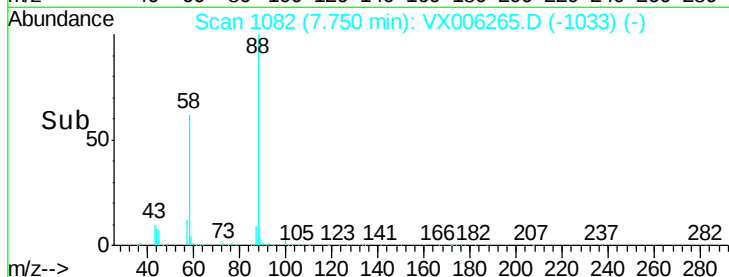
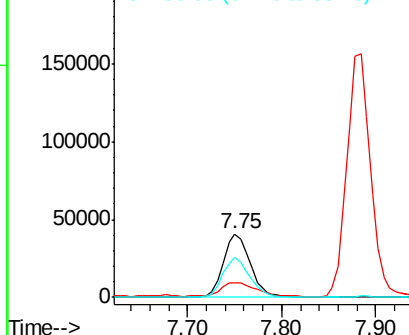


Abundance

Ion 88.00 (87.70 to 88.70): VX0

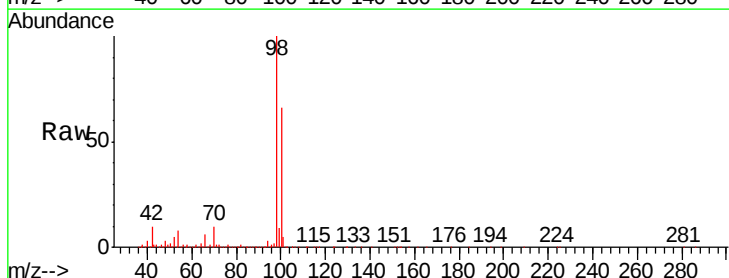
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 47.913 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

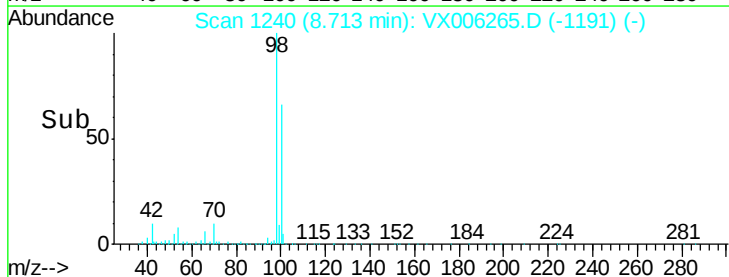
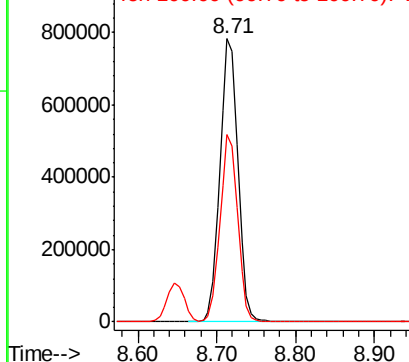
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.2



Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





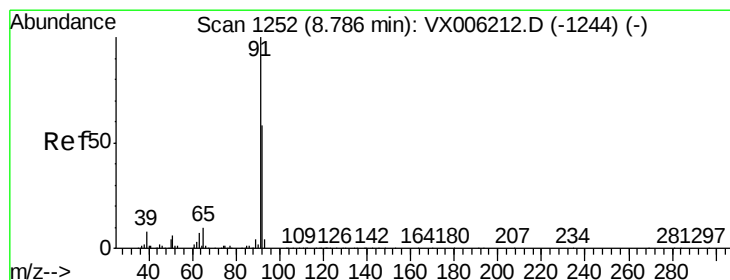
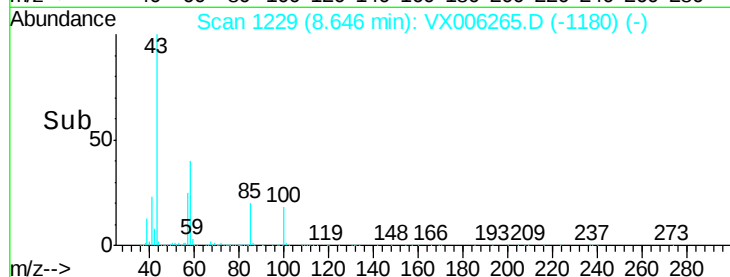
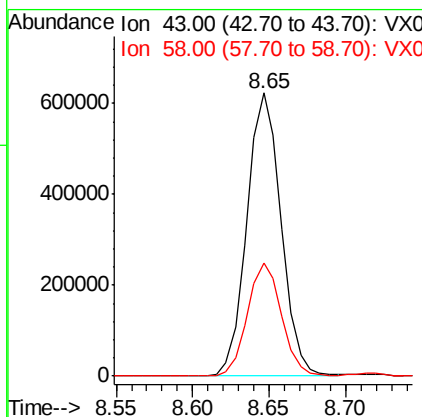
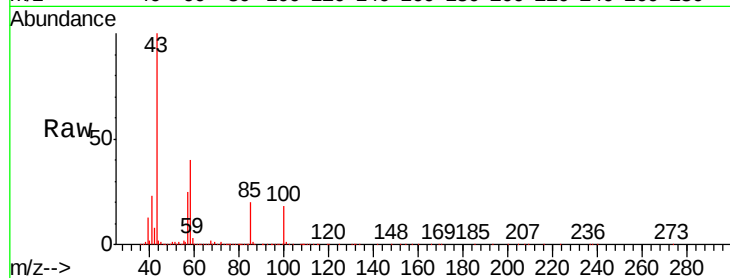
#51
 4-Methyl-2-Pentanone
 Concen: 95.352 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX006265.D
 Acq: 03 Dec 2018 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.8	31.3	46.9

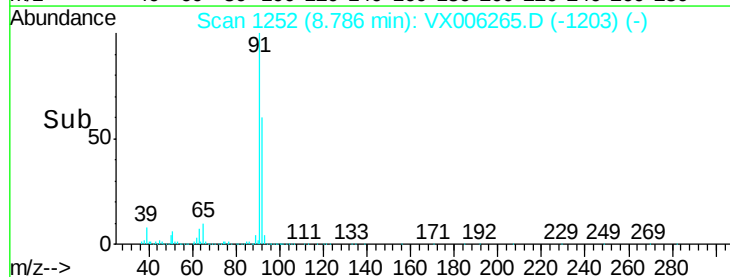
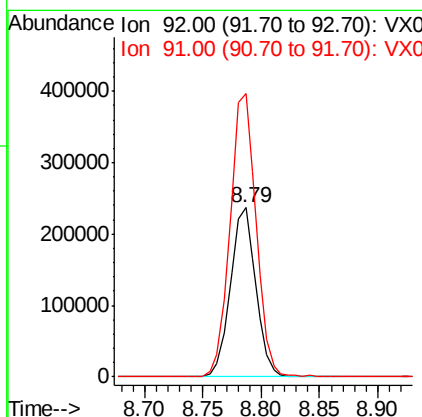
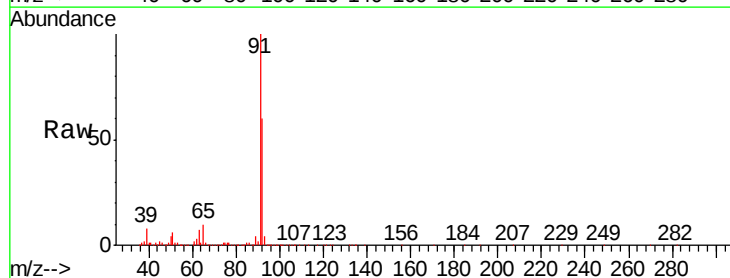
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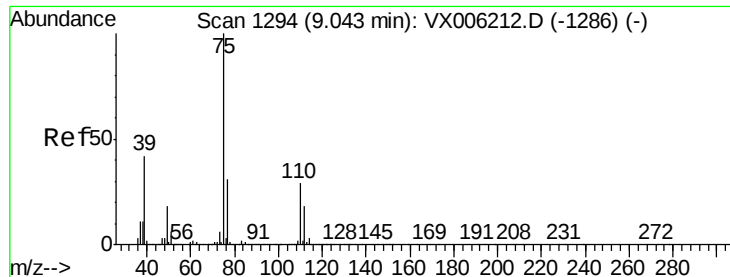
MMDadoda
 12/4/2018 9:58:55 AM



#52
 Toluene
 Concen: 19.633 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX006265.D
 Acq: 03 Dec 2018 20:31

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.2	139.2	208.8





#53

t-1,3-Dichloropropene

Concen: 17.988 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006265.D

Acq: 03 Dec 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBSD01

Tgt Ion: 75 Resp: 208528

Ion Ratio Lower Upper

75 100

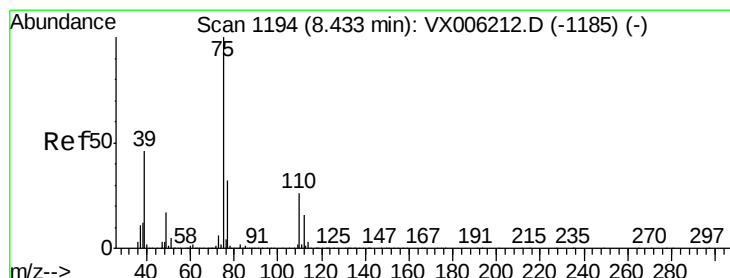
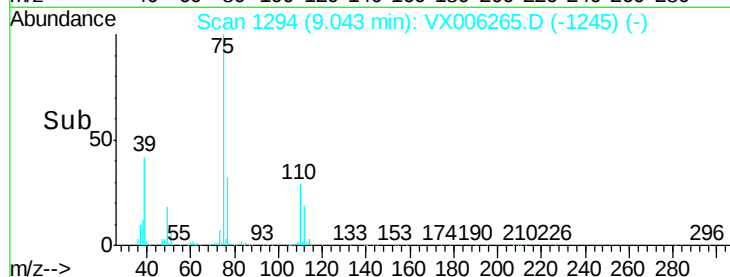
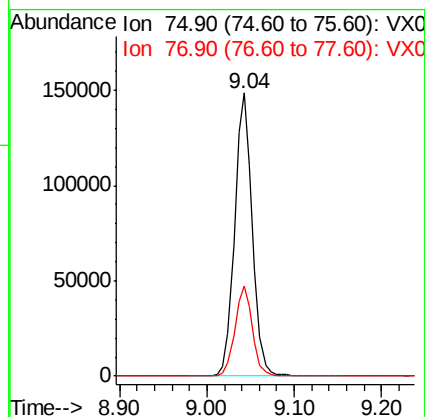
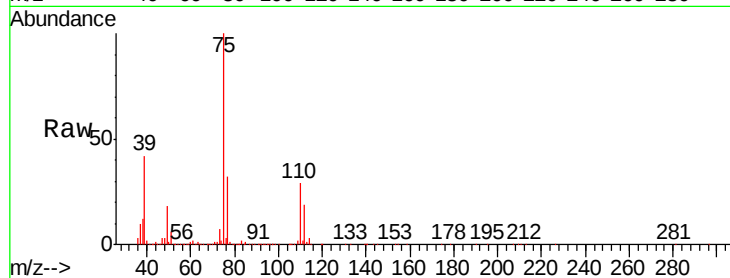
77 31.7 25.0 37.4

Manual Integrations

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12/4/2018 9:58:55 AM



#54

cis-1,3-Dichloropropene

Concen: 18.508 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006265.D

Acq: 03 Dec 2018 20:31

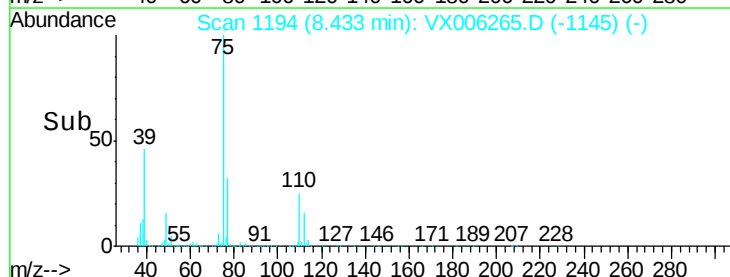
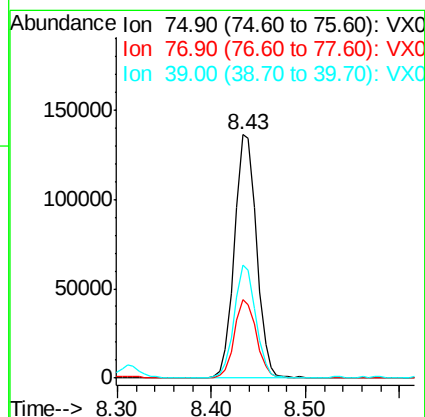
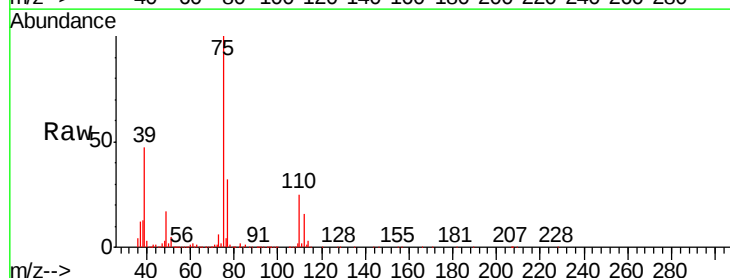
Tgt Ion: 75 Resp: 222796

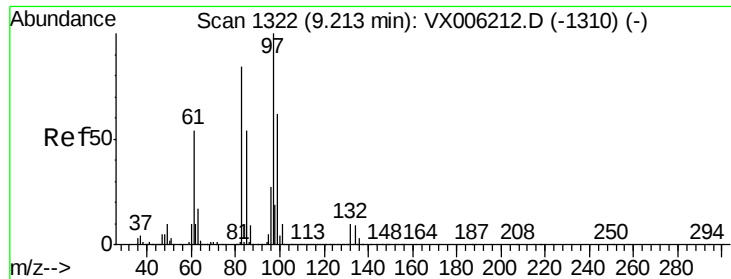
Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4

39 46.4 36.5 54.7





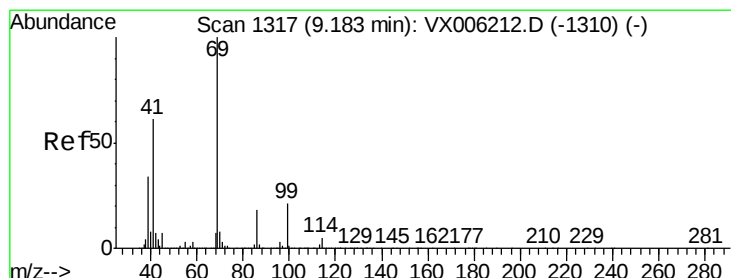
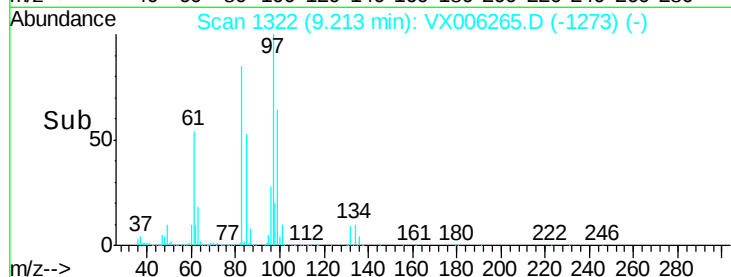
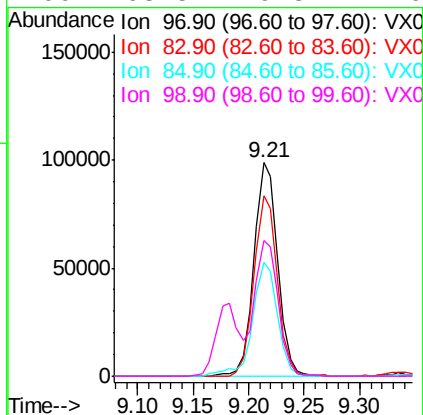
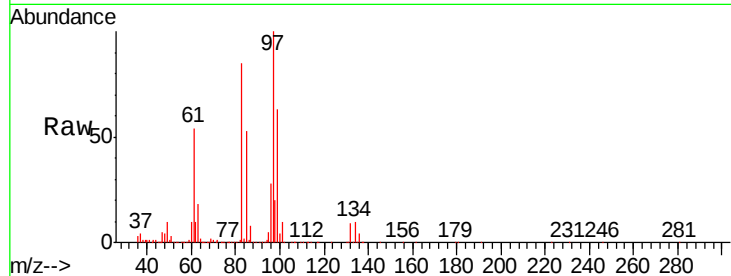
#55
 1,1,2-Trichloroethane
 Concen: 19.606 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006265.D
 Acq: 03 Dec 2018 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBSD01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.1	100.7
85	53.4	43.2	64.8
99	63.5	49.8	74.6

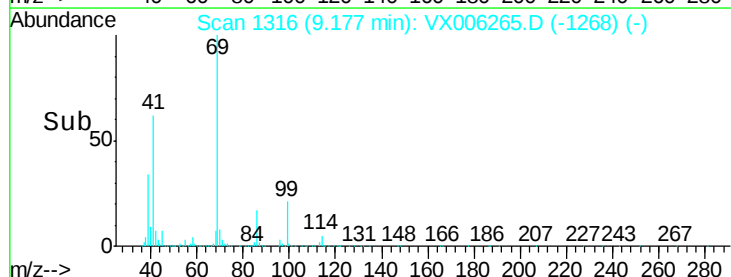
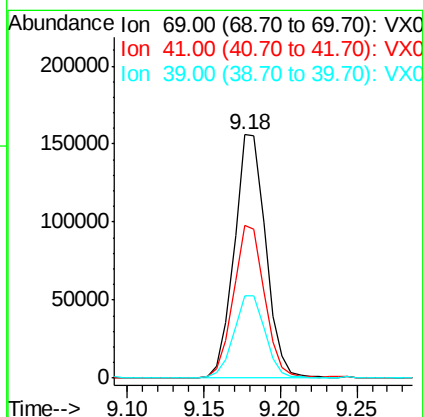
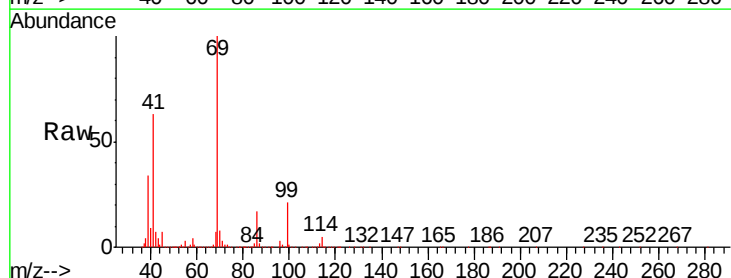
Manual Integrations
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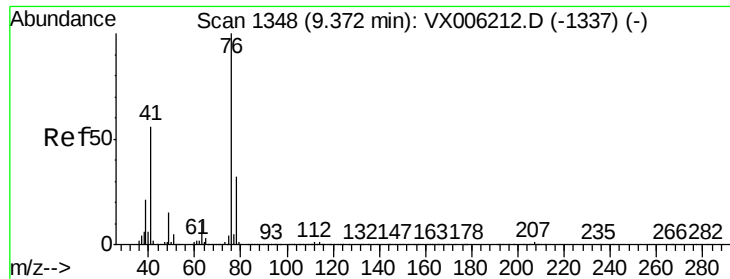
MMDadoda
 12/4/2018 9:58:55 AM



#56
 Ethyl methacrylate
 Concen: 19.026 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX006265.D
 Acq: 03 Dec 2018 20:31

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.8	50.6	76.0
39	33.4	27.6	41.4





#57

1,3-Dichloropropane

Concen: 19.779 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006265.D

Acq: 03 Dec 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBSD01

Tgt Ion: 76 Resp: 233124

Ion Ratio Lower Upper

76 100

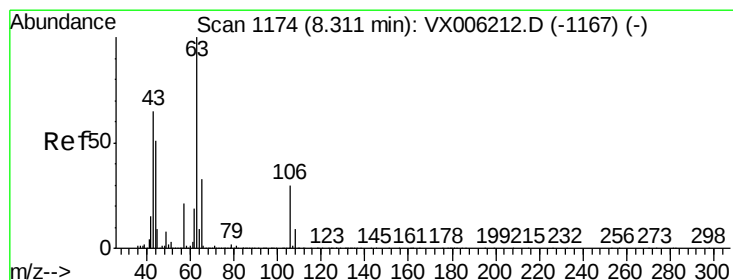
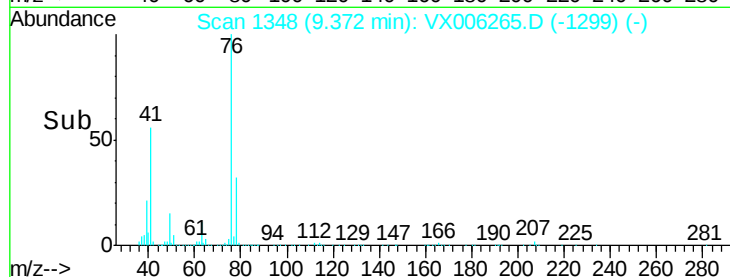
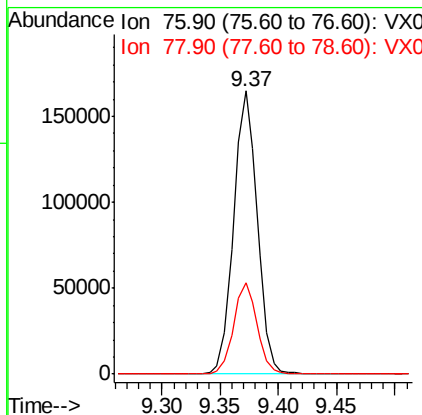
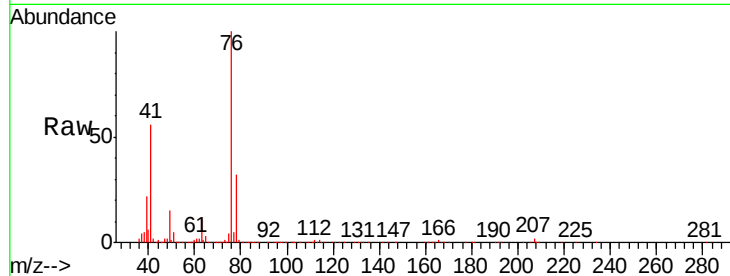
78 31.9 26.1 39.1

Manual Integrations

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MMDadoda

12/4/2018 9:58:55 AM



#58

2-Chloroethyl Vinyl ether

Concen: 96.410 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006265.D

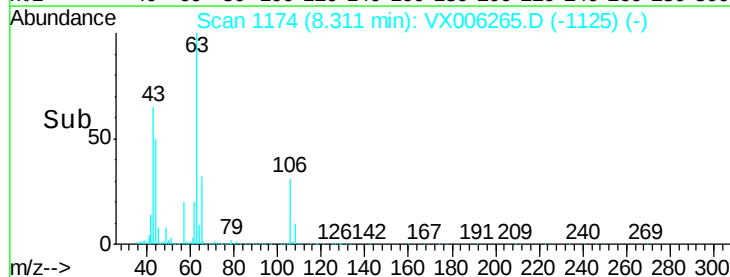
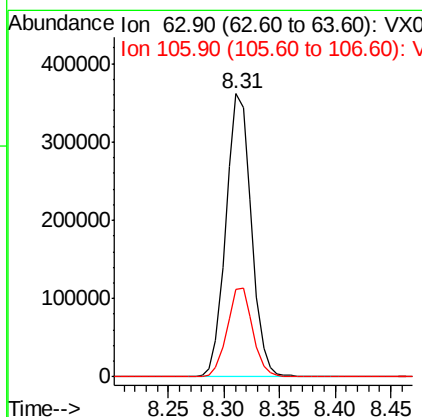
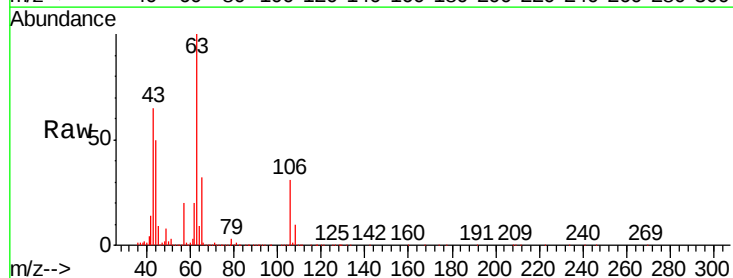
Acq: 03 Dec 2018 20:31

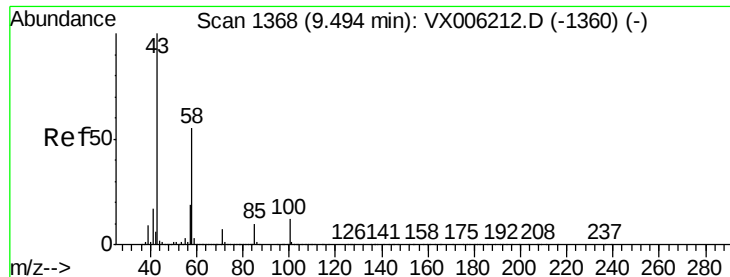
Tgt Ion: 63 Resp: 570064

Ion Ratio Lower Upper

63 100

106 31.7 24.9 37.3





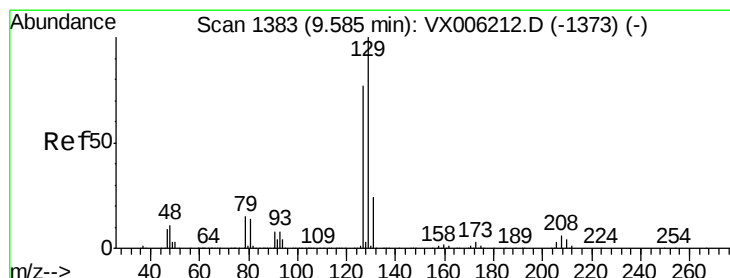
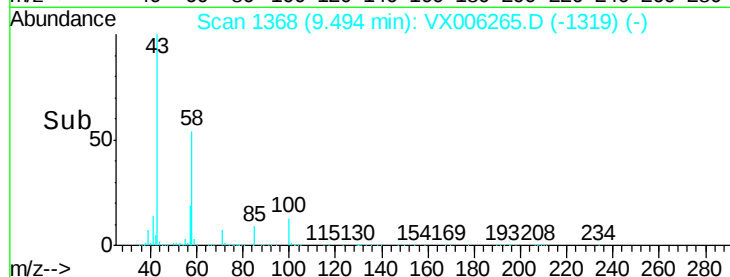
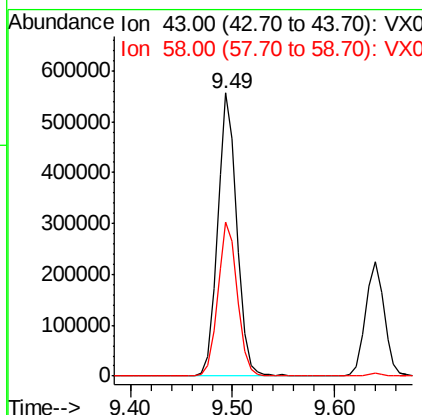
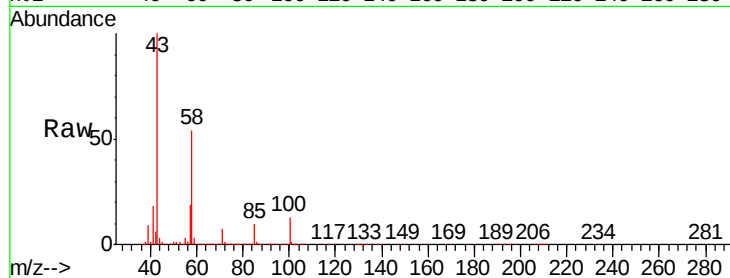
#59
2-Hexanone
Concen: 94.960 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBSD01

Tgt Ion: 43 Resp: 734237
Ion Ratio Lower Upper
43 100
58 55.2 27.7 83.1

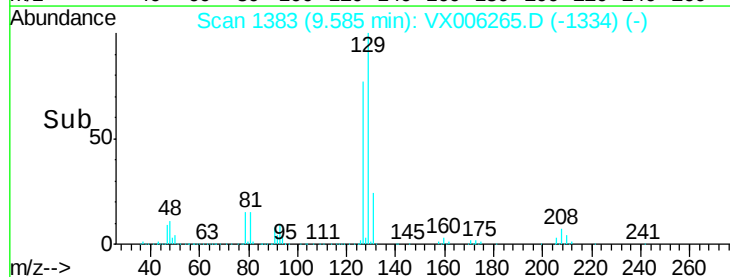
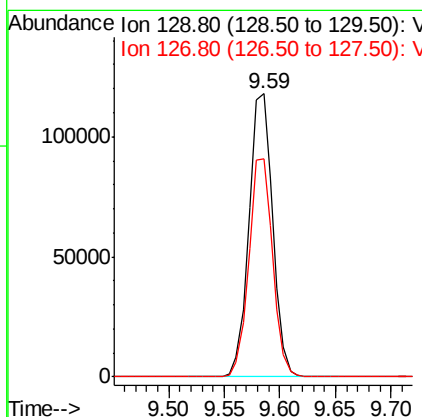
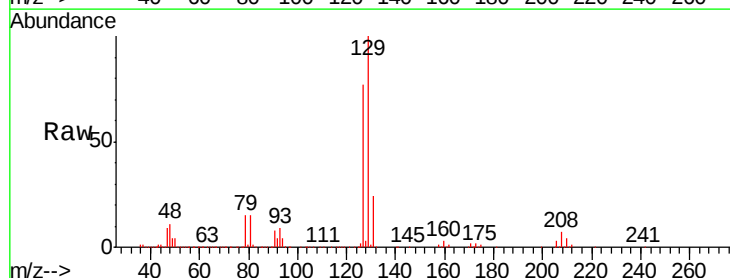
Manual Integrations
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#60
Dibromochloromethane
Concen: 19.044 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Tgt Ion: 129 Resp: 175035
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.343 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006265.D

Acq: 03 Dec 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBSD01

Tgt Ion: 107 Resp: 161206

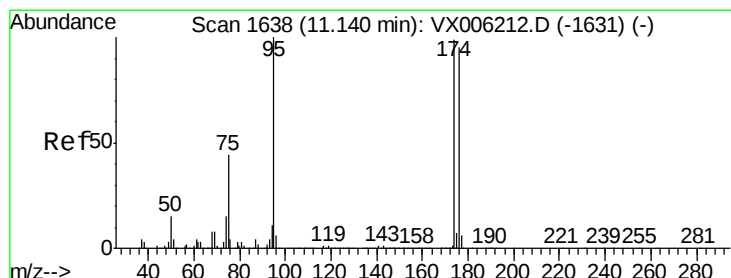
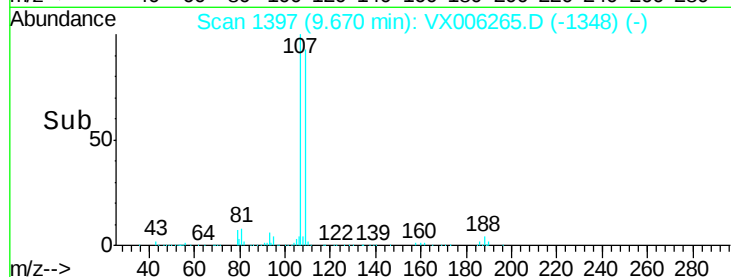
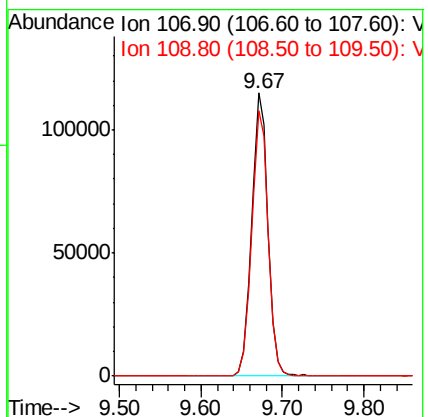
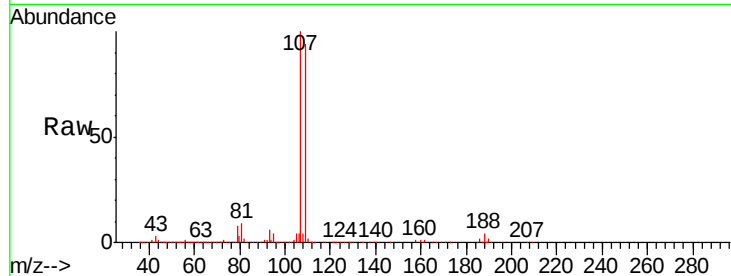
Ion Ratio Lower Upper

107 100

109 95.0 76.3 114.5

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#62

4-Bromofluorobenzene

Concen: 46.608 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006265.D

Acq: 03 Dec 2018 20:31

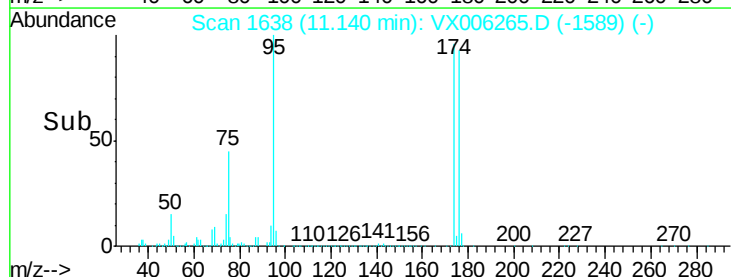
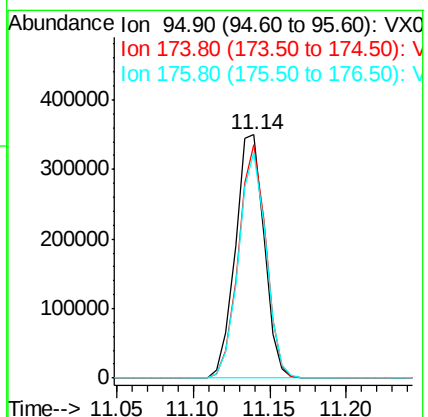
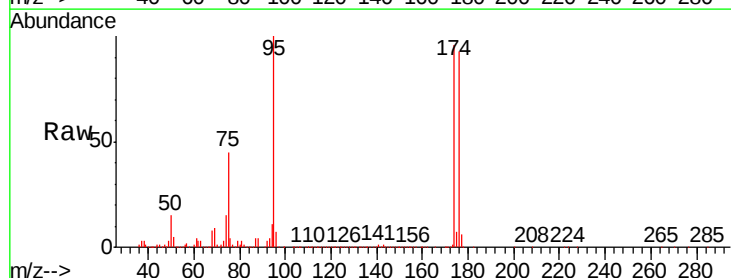
Tgt Ion: 95 Resp: 457341

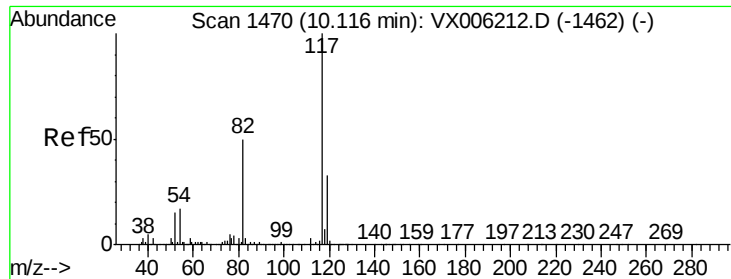
Ion Ratio Lower Upper

95 100

174 90.6 0.0 187.0

176 88.7 0.0 181.8





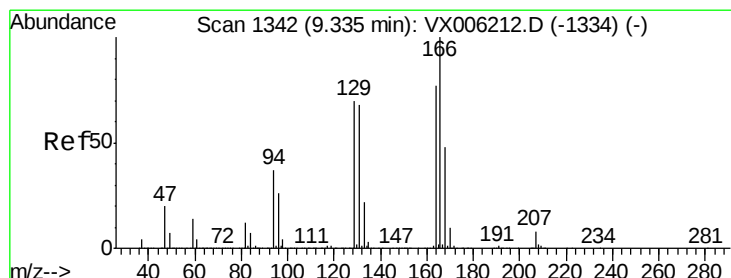
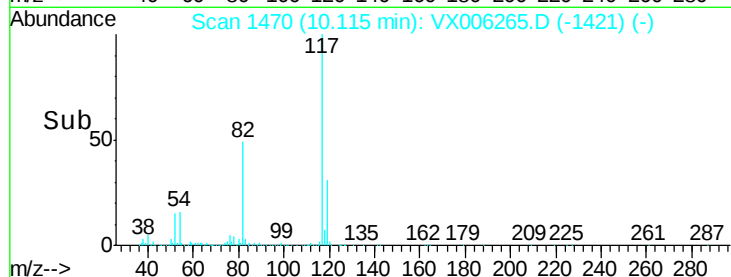
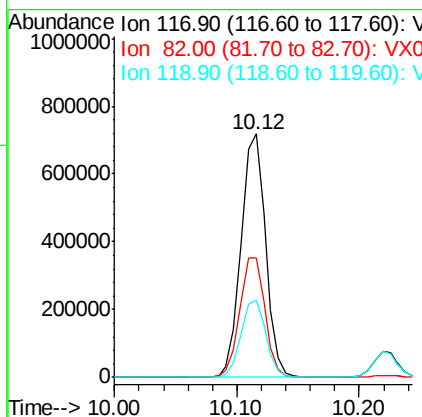
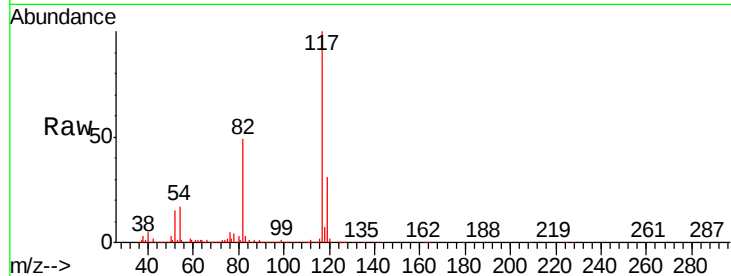
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBSD01

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	49.0	39.6	59.4
119	31.5	26.3	39.5

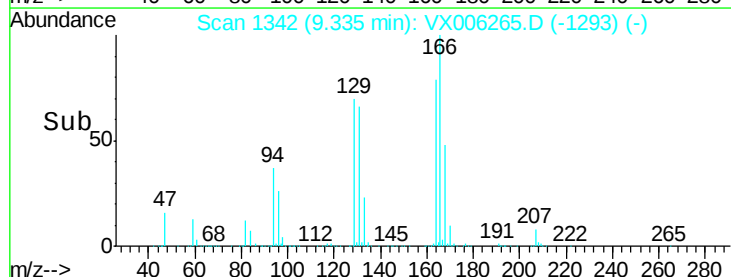
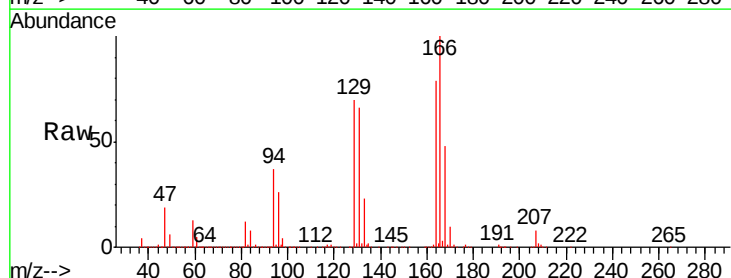
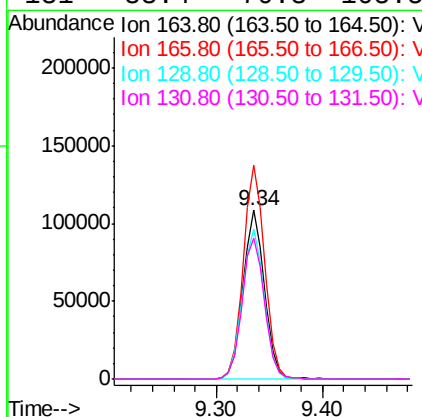
Manual Integrations
APPROVED

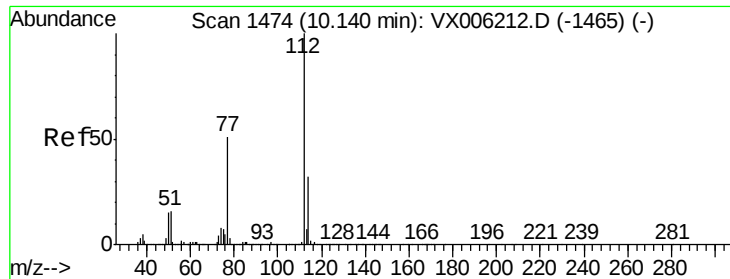
MMDadoda
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#64
Tetrachloroethene
Concen: 20.521 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	126.8	104.2	156.2
129	88.8	72.6	108.8
131	83.4	70.3	105.5





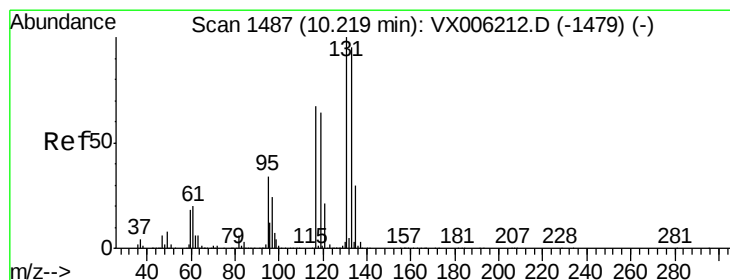
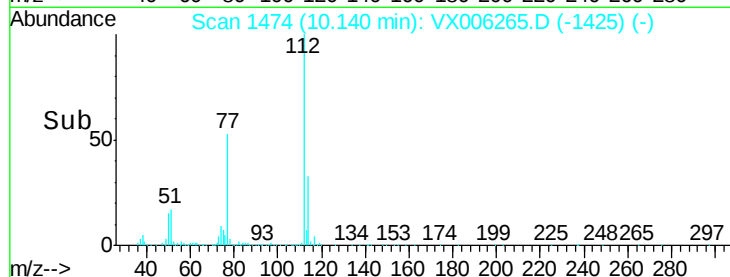
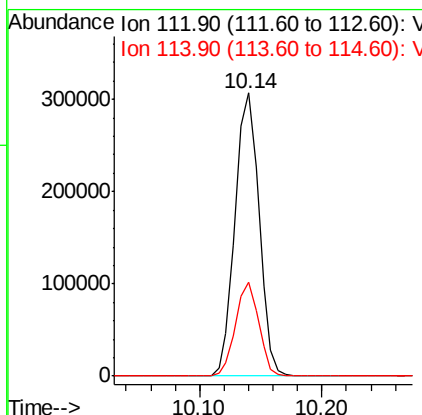
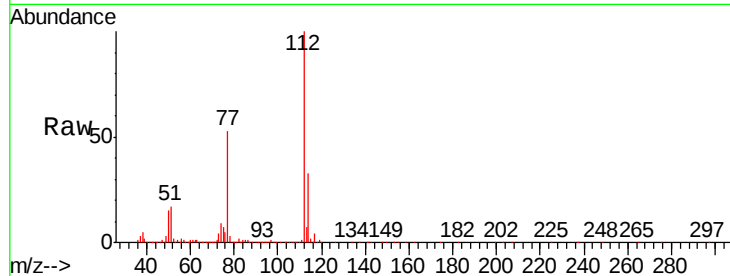
#65
Chlorobenzene
Concen: 19.778 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBSD01

Tgt Ion	Ratio	Lower	Upper
112	100		
114	33.2	25.4	38.2

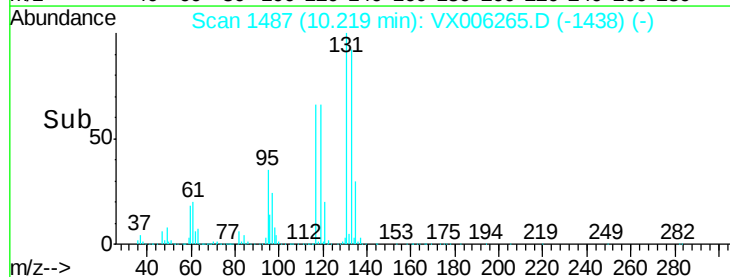
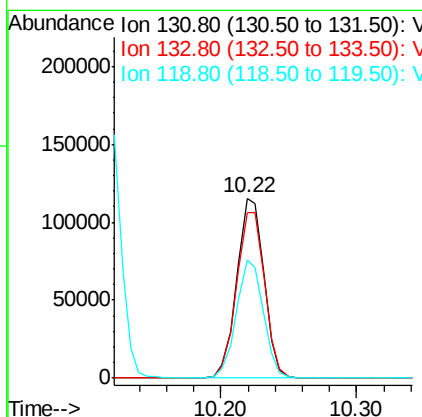
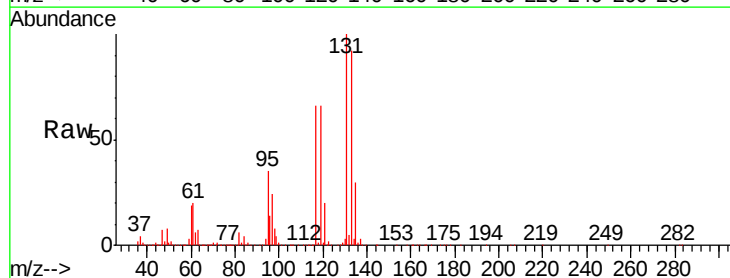
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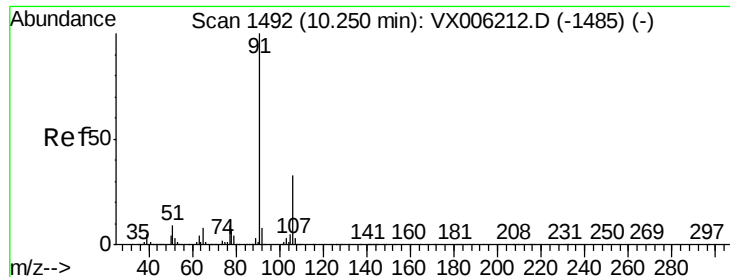
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.570 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	48.1	144.4
119	65.3	32.1	96.3





#67

Ethyl Benzene

Concen: 19.341 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006265.D

Acq: 03 Dec 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBSD01

Tgt Ion: 91 Resp: 678953

Ion Ratio Lower Upper

91 100

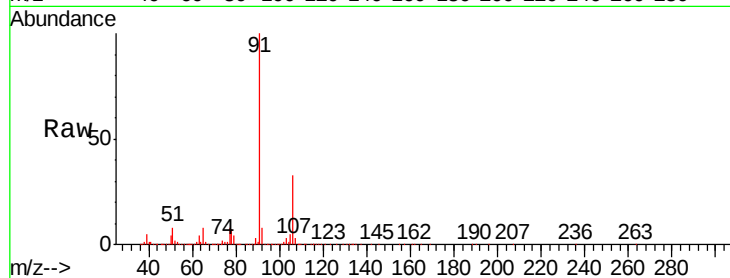
106 32.6 26.5 39.7

Manual Integrations

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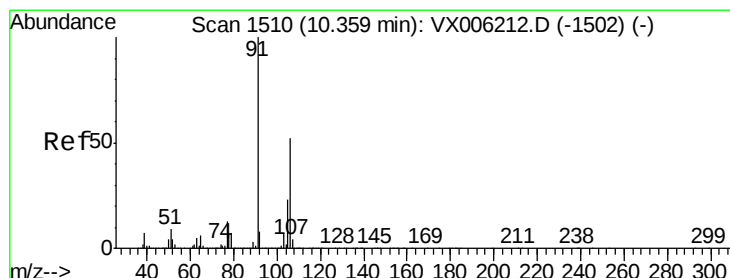
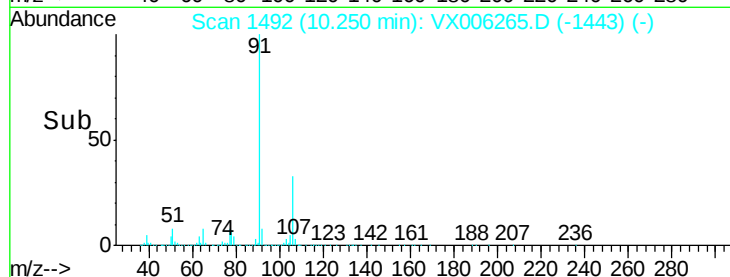
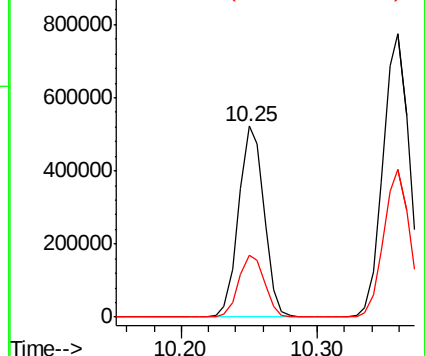
MMDadoda

12/4/2018 9:58:55 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.374 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006265.D

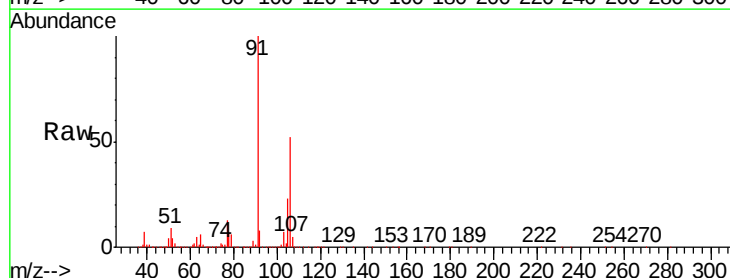
Acq: 03 Dec 2018 20:31

Tgt Ion: 106 Resp: 539616

Ion Ratio Lower Upper

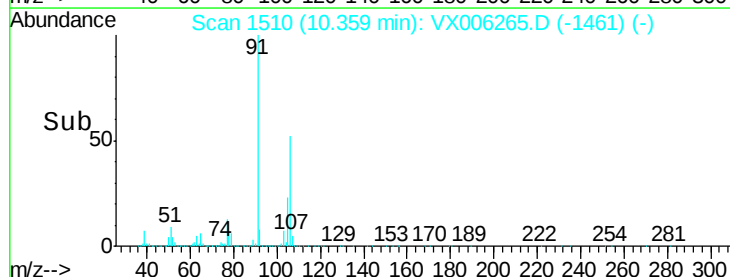
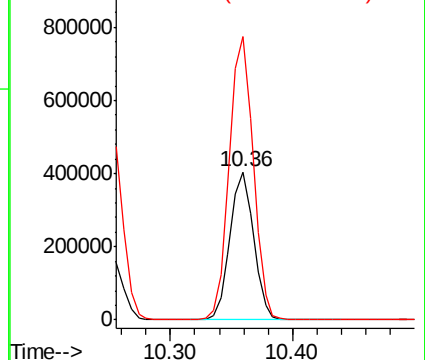
106 100

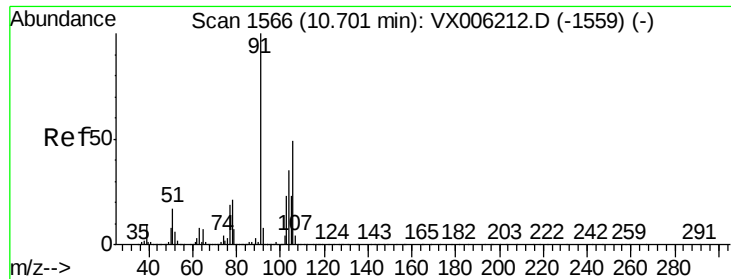
91 193.9 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





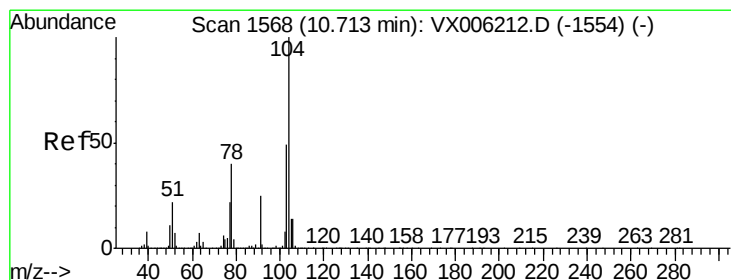
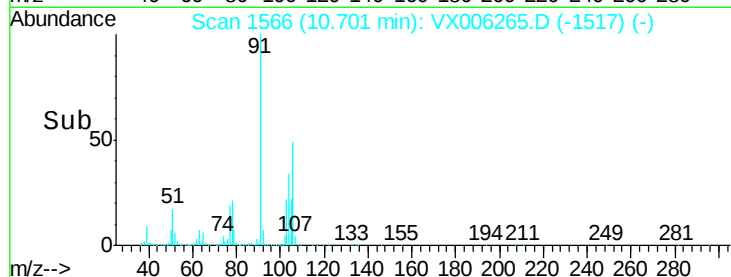
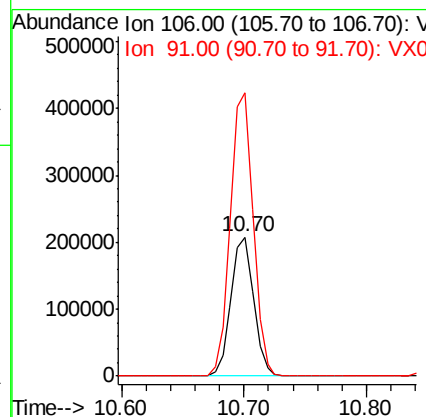
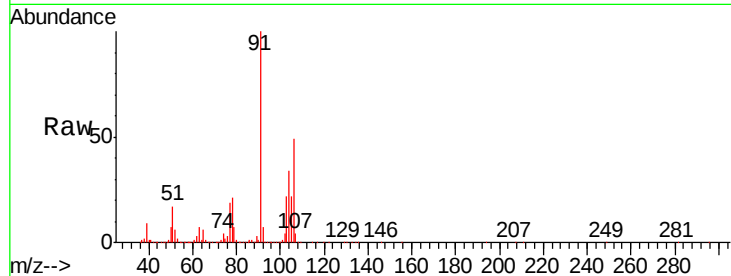
#69
o-Xylene
Concen: 19.165 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBSD01

Tgt Ion	Ratio	Lower	Upper
106	100		
91	205.8	101.8	305.6

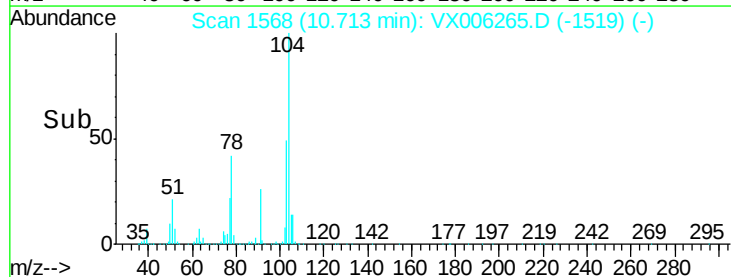
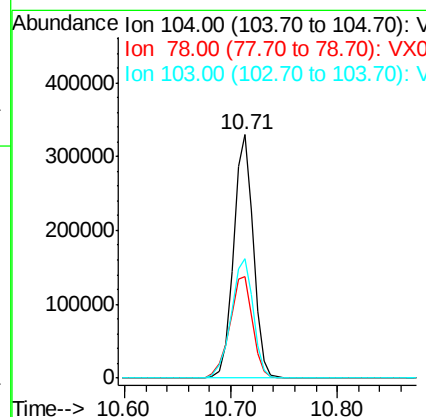
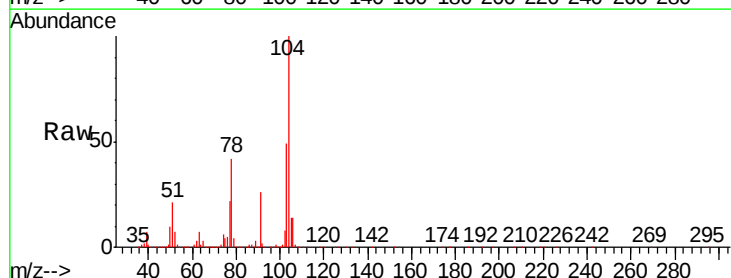
Manual Integrations
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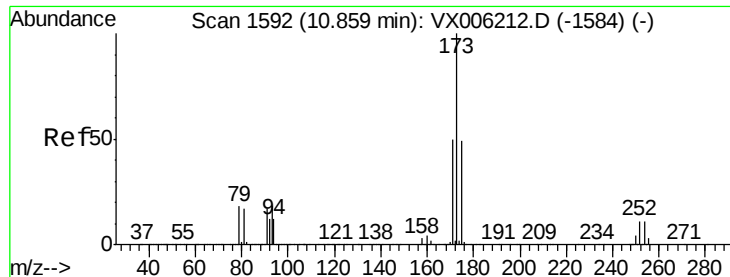
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#70
Styrene
Concen: 19.033 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.2	37.2	55.8
103	55.1	43.5	65.3





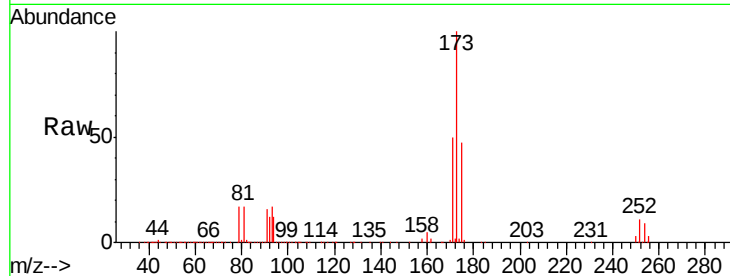
#71
Bromoform
Concen: 18.040 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBSD01

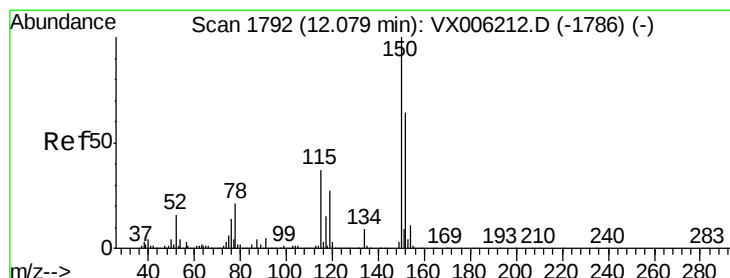
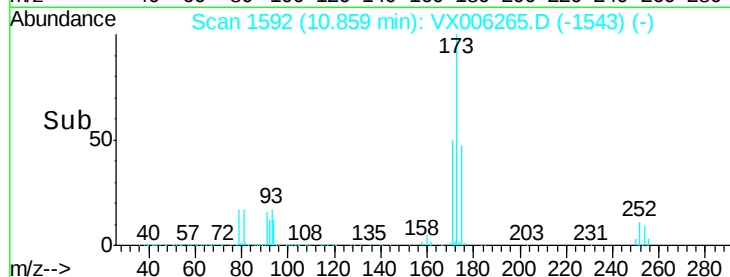
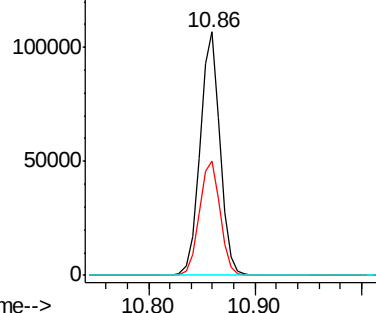
Tgt Ion	Ratio	Resp	Lower	Upper
173	100	139653		
175	48.9	24.6	73.8	
254	0.1	0.2	0.2#	

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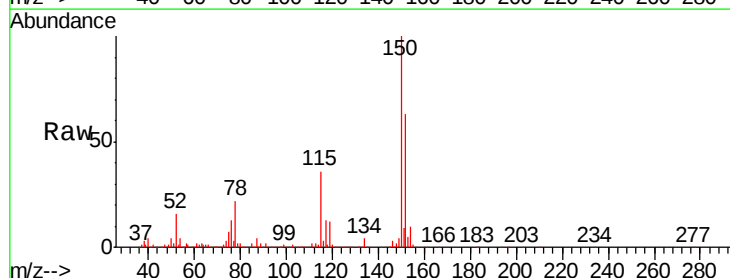


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

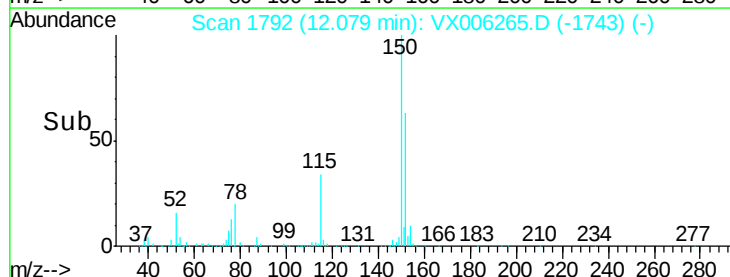
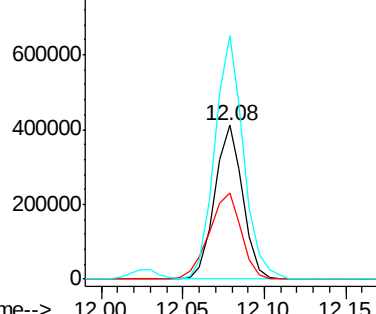


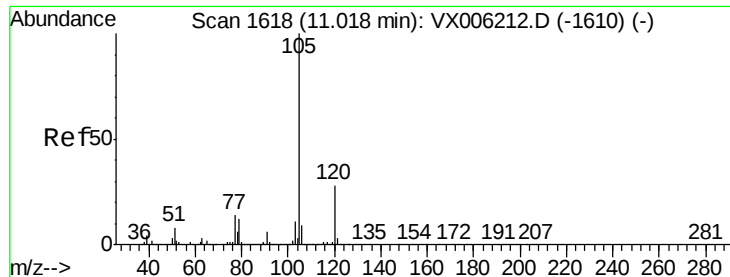
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	487332		
115	64.8	39.0	116.9	
150	163.5	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: 20.849 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006265.D

Acq: 03 Dec 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBSD01

Tgt Ion: 105 Resp: 701680

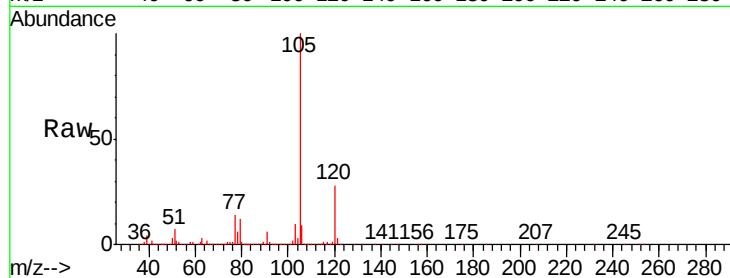
Ion Ratio Lower Upper

105 100

120 28.2 14.1 42.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

400000

200000

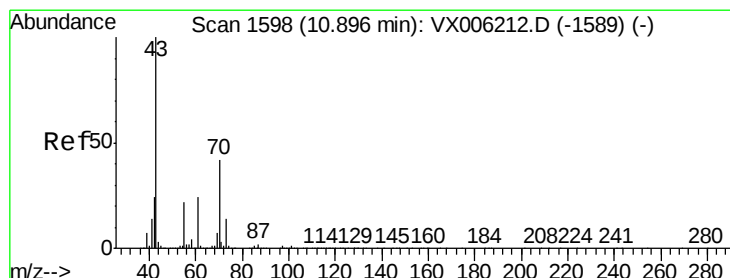
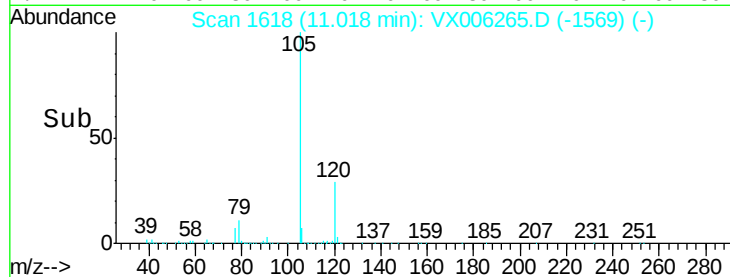
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 19.370 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006265.D

Acq: 03 Dec 2018 20:31

Tgt Ion: 43 Resp: 280715

Ion Ratio Lower Upper

43 100

70 44.5 34.1 51.1

55 23.7 17.8 26.8

61 25.2 19.7 29.5

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

200000

100000

0

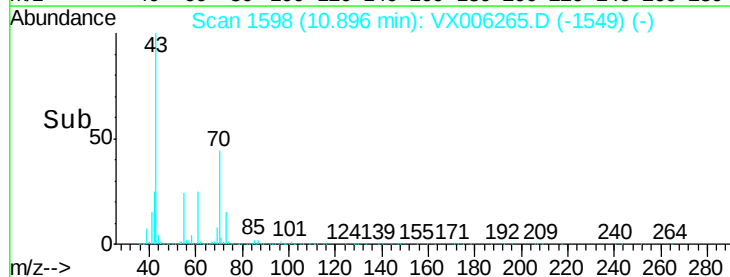
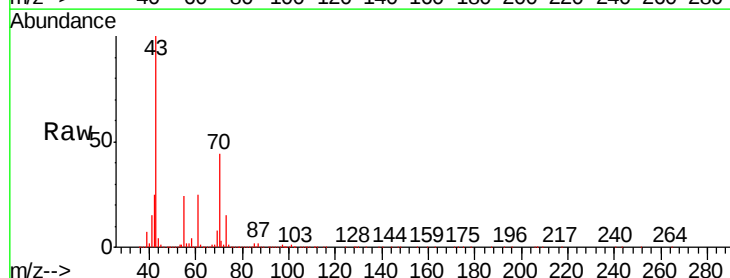
10.90

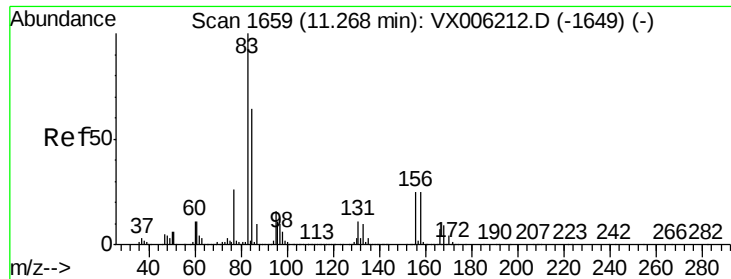
10.80

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.853 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006265.D

Acq: 03 Dec 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBSD01

Tgt Ion: 83 Resp: 224517
Ion Ratio Lower Upper

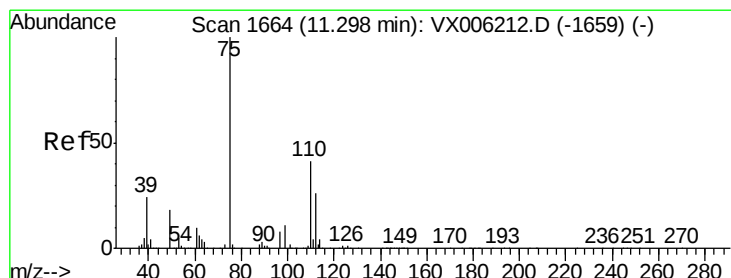
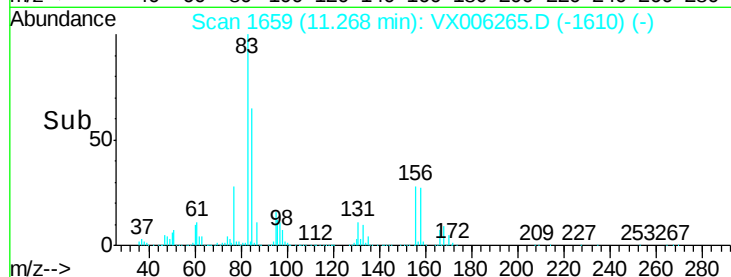
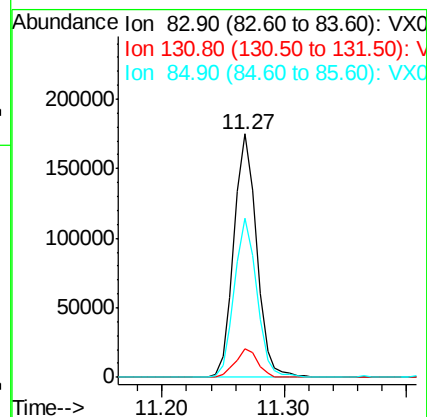
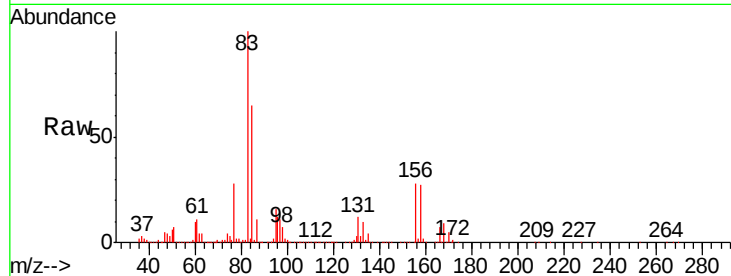
83 100

131 11.5 5.7 17.1

85 64.9 32.1 96.5

Manual Integrations
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12/4/2018 9:58:55 AM



#76

1,2,3-Trichloropropane

Concen: 22.395 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

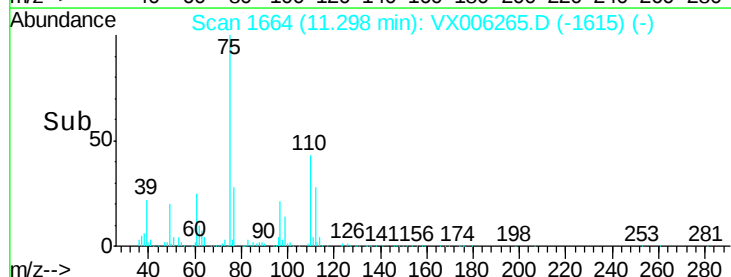
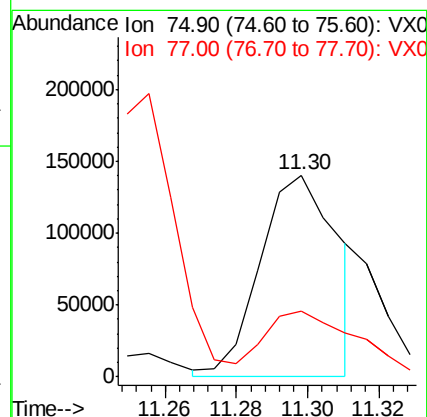
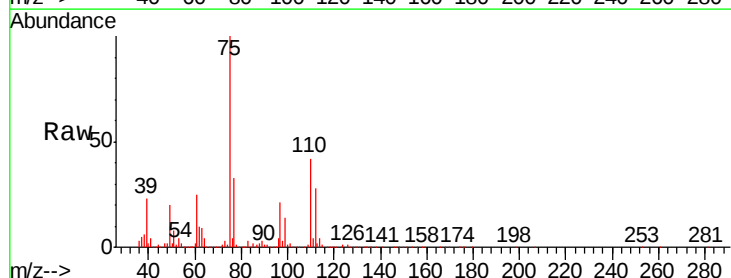
Lab File: VX006265.D

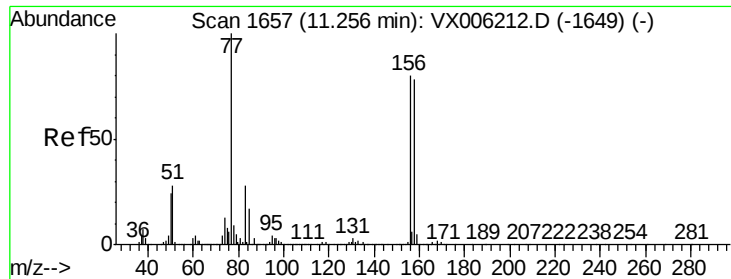
Acq: 03 Dec 2018 20:31

Tgt Ion: 75 Resp: 210654
Ion Ratio Lower Upper

75 100

77 39.0 19.9 59.7





#77

Bromobenzene

Concen: 20.473 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006265.D

Acq: 03 Dec 2018 20:31

Instrument :

MSVOA_X

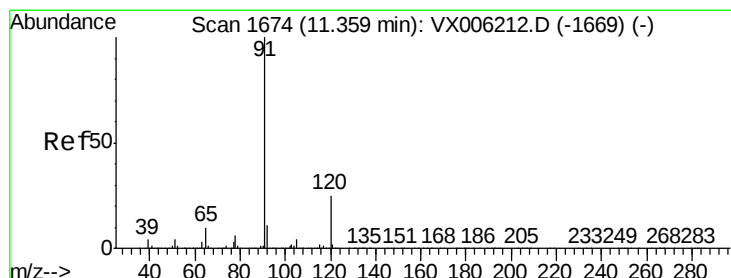
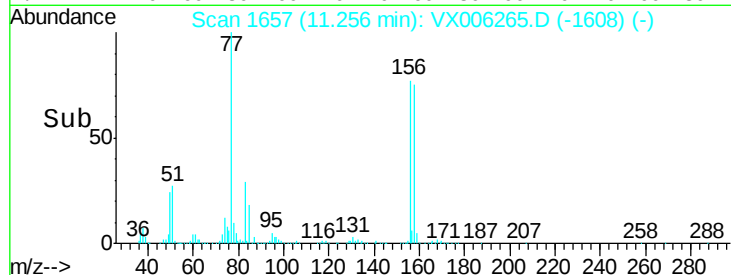
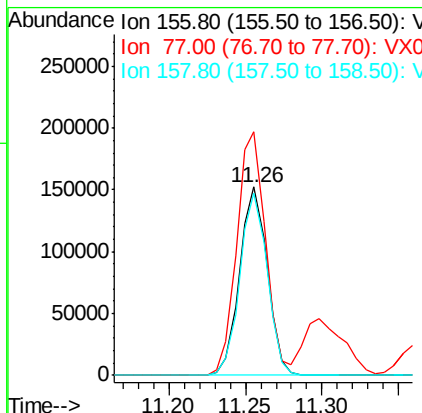
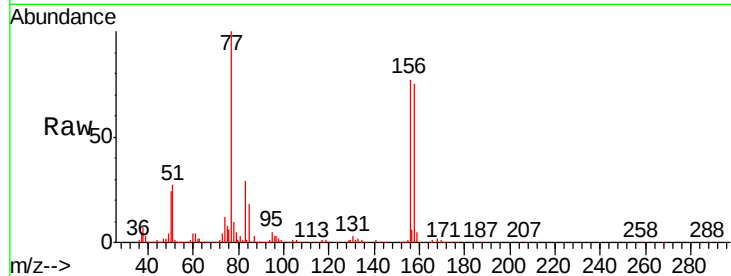
ClientSampleId :

VX1203WBSD01

Tgt Ion:	156	Resp:	191211
Ion Ratio	Lower	Upper	
156	100		
77	134.5	66.2	198.6
158	96.2	48.8	146.4

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#78

n-propylbenzene

Concen: 20.186 ug/l

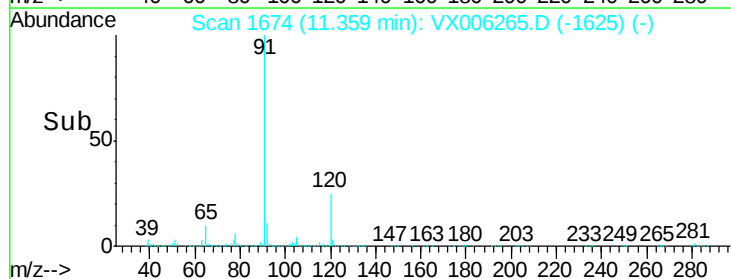
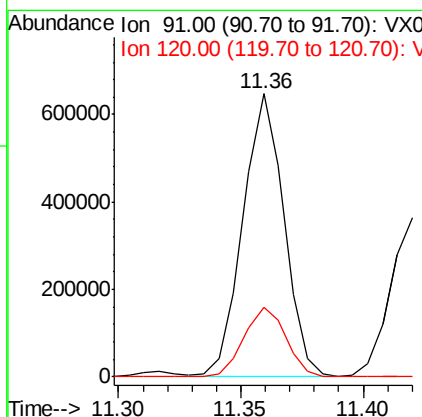
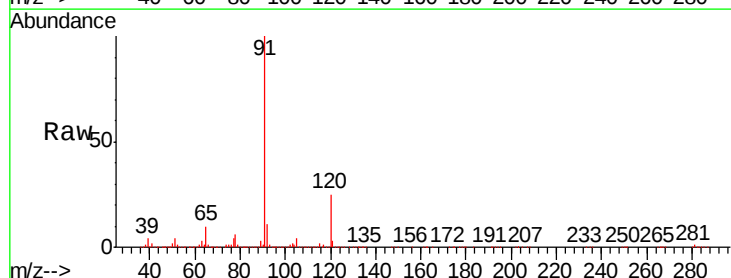
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006265.D

Acq: 03 Dec 2018 20:31

Tgt Ion:	91	Resp:	755157
Ion Ratio	Lower	Upper	
91	100		
120	25.3	12.7	38.0





#79

2-Chlorotoluene

Concen: 20.406 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006265.D

Acq: 03 Dec 2018 20:31

Instrument :

MSVOA_X

ClientSampled :

VX1203WBSD01

Tgt Ion: 91 Resp: 453730

Ion Ratio Lower Upper

91 100

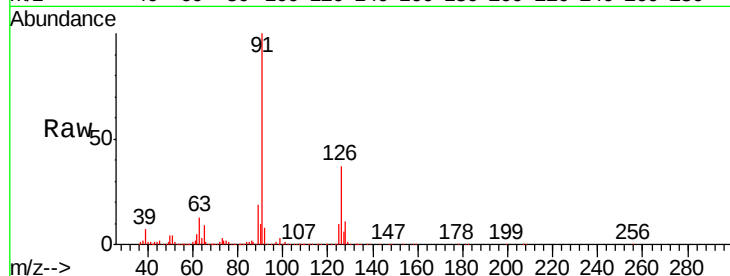
126 37.2 18.6 56.0

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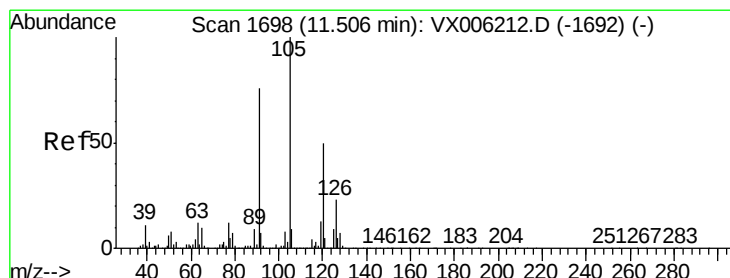
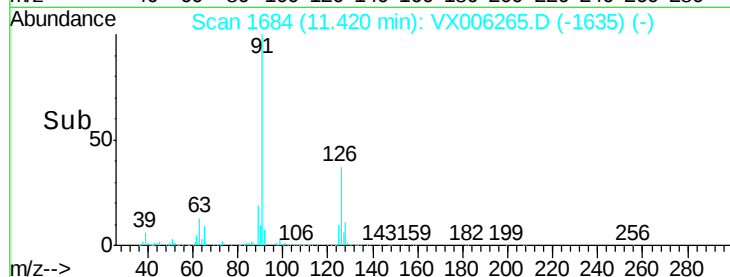
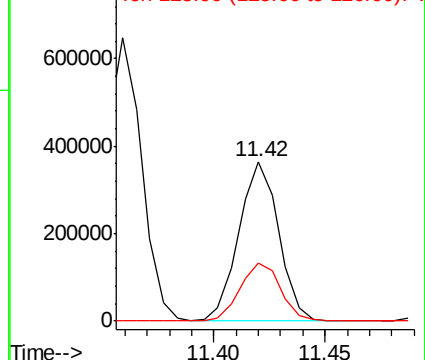
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.443 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006265.D

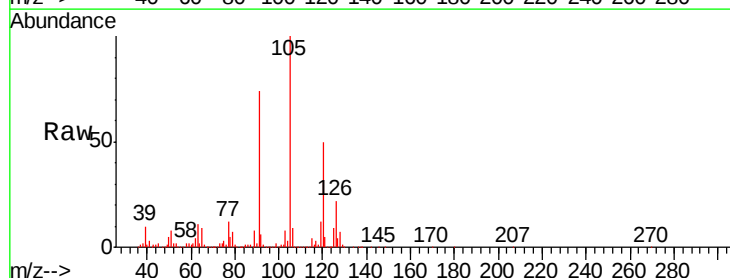
Acq: 03 Dec 2018 20:31

Tgt Ion: 105 Resp: 572425

Ion Ratio Lower Upper

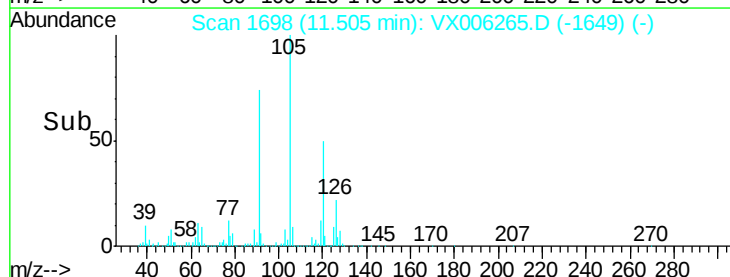
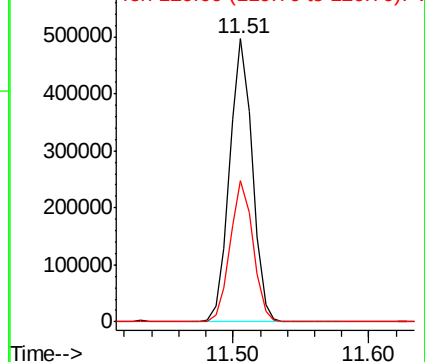
105 100

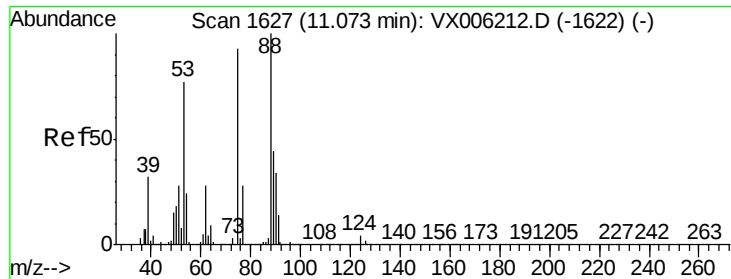
120 50.4 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.563 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006265.D

Acq: 03 Dec 2018 20:31

Instrument :

MSVOA_X

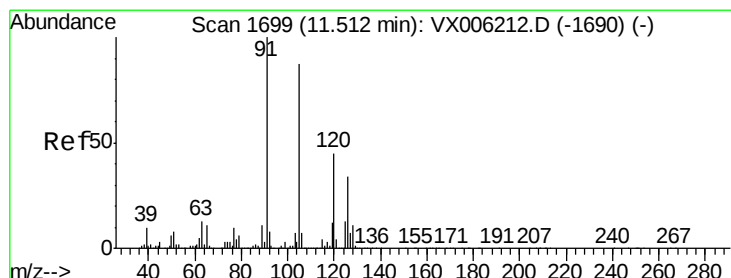
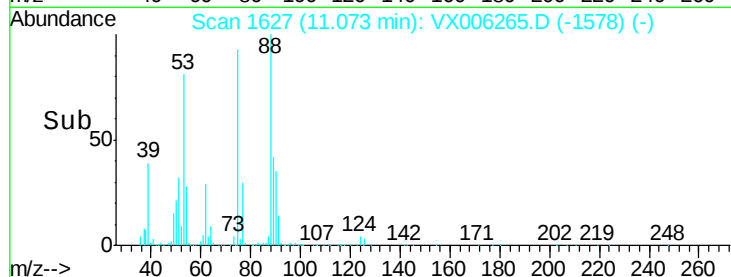
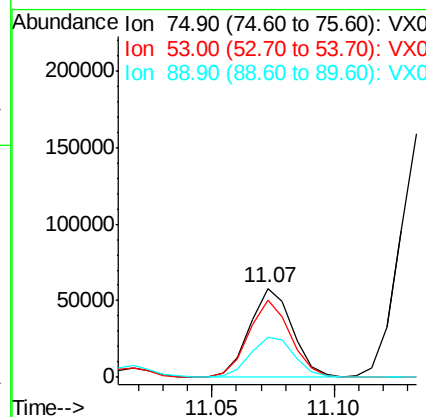
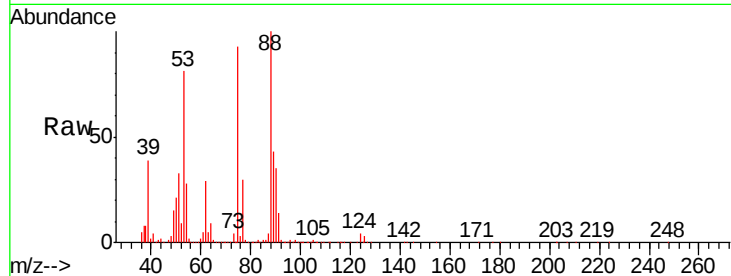
ClientSampleId :

VX1203WBSD01

Tgt Ion:	75	Resp:	70397
Ion Ratio	Lower	Upper	
75	100		
53	84.7	64.4	96.6
89	47.8	44.2	66.4

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#82

4-Chlorotoluene

Concen: 20.211 ug/l

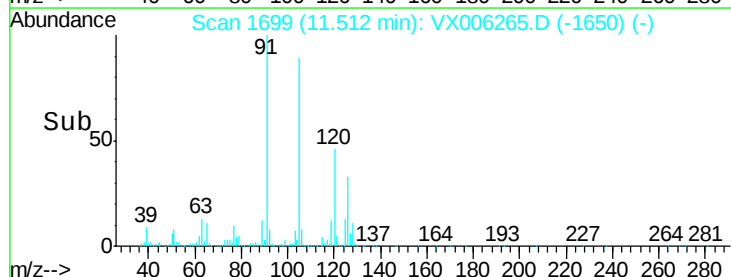
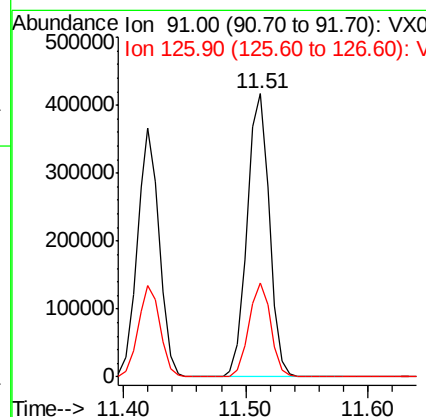
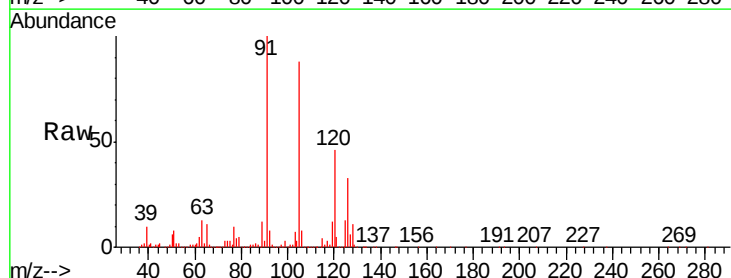
RT: 11.51 min Scan# 1699

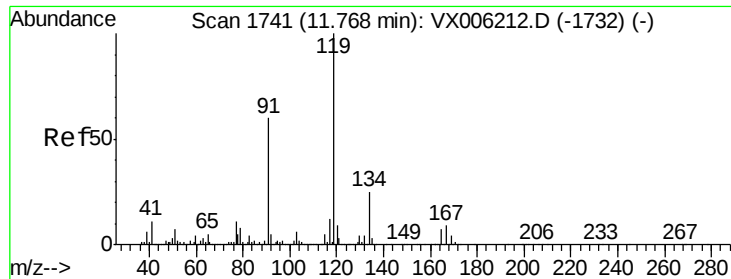
Delta R.T. -0.00 min

Lab File: VX006265.D

Acq: 03 Dec 2018 20:31

Tgt Ion:	91	Resp:	522487
Ion Ratio	Lower	Upper	
91	100		
126	32.7	16.4	49.4





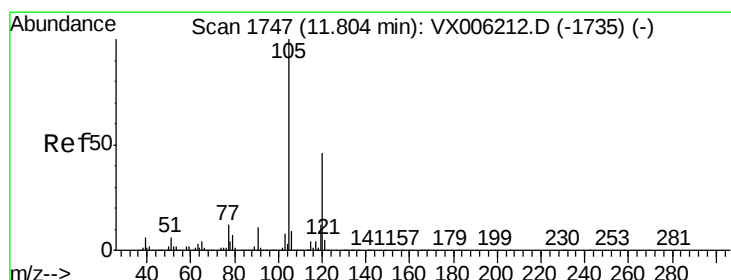
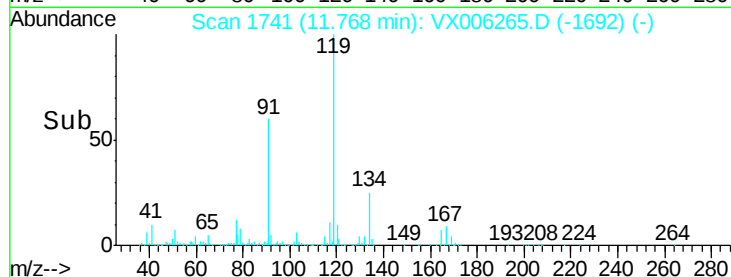
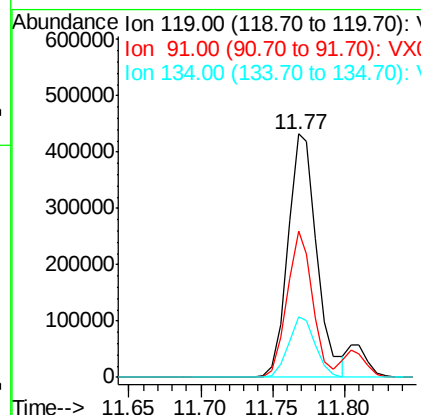
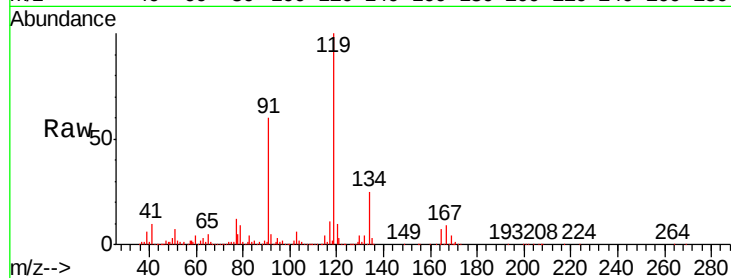
#83
tert-Butylbenzene
Concen: 20.391 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	609222		
91	53.3	26.4	79.2	
134	23.2	11.6	34.7	

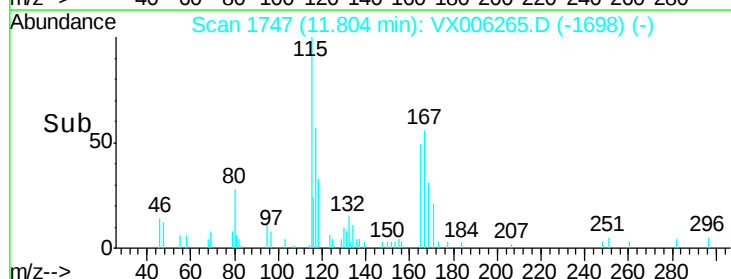
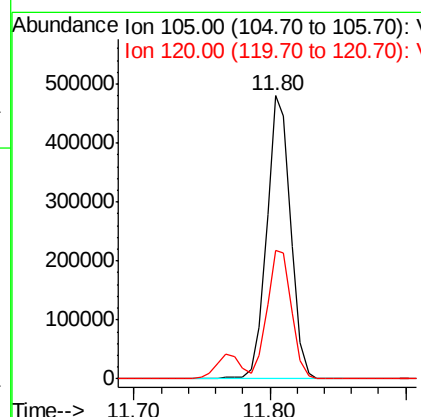
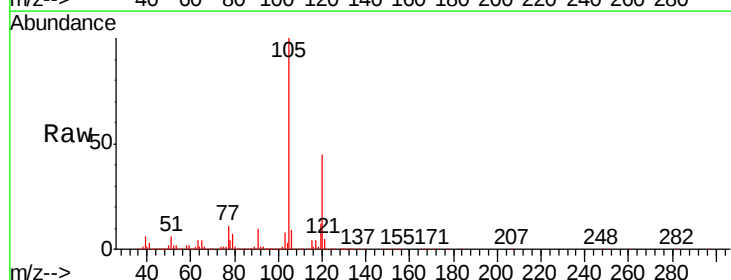
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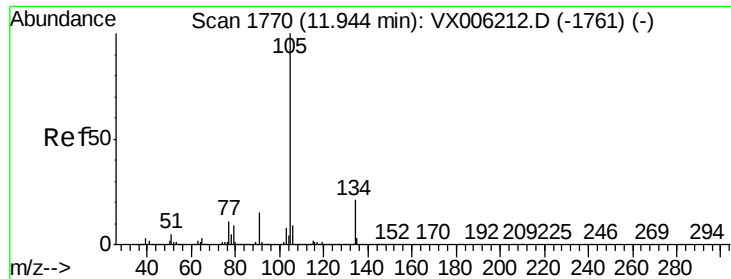
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#84
1,2,4-Trimethylbenzene
Concen: 20.490 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	592439		
120	46.1	23.4	70.0	





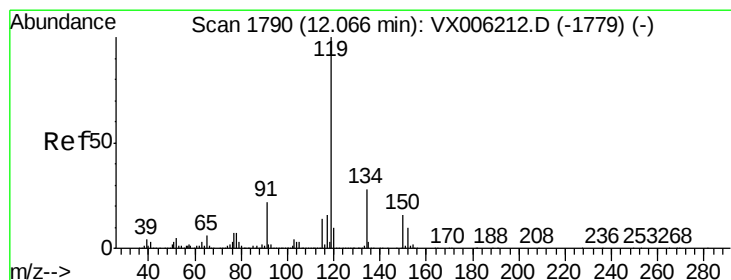
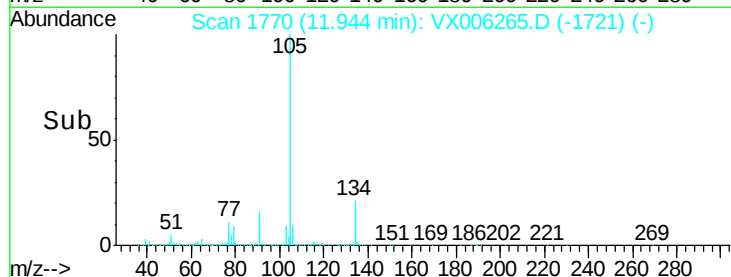
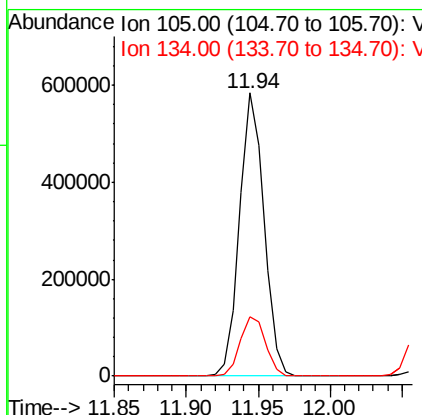
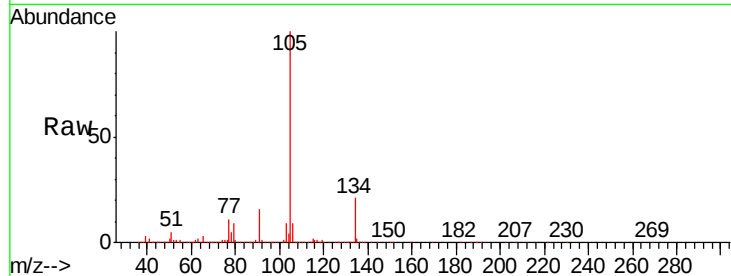
#85
 sec-Butylbenzene
 Concen: 20.345 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006265.D
 Acq: 03 Dec 2018 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBSD01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.8	10.8	32.4

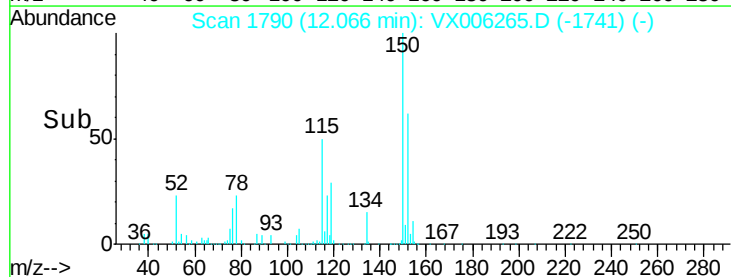
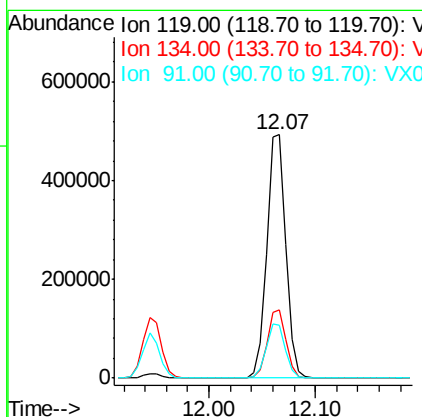
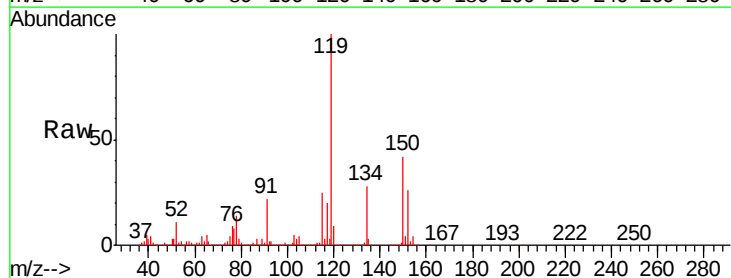
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#86
 p-Isopropyltoluene
 Concen: 20.133 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX006265.D
 Acq: 03 Dec 2018 20:31

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.6	13.9	41.6
91	22.5	11.3	33.8





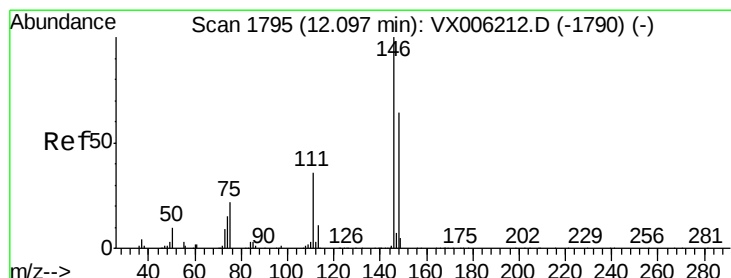
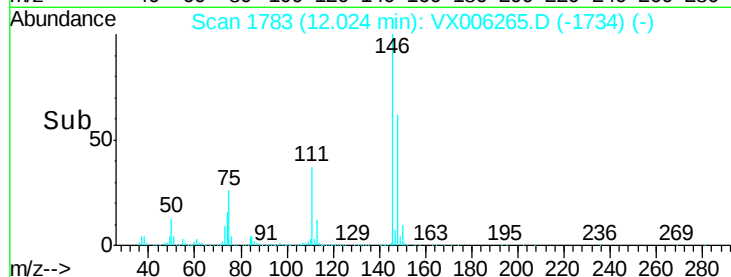
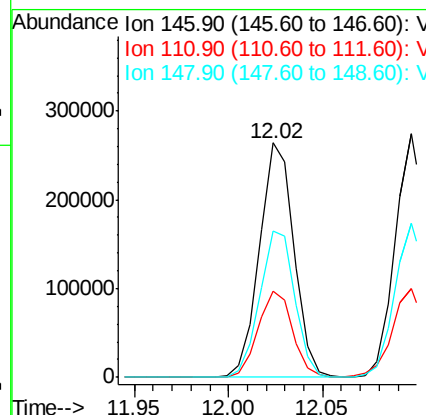
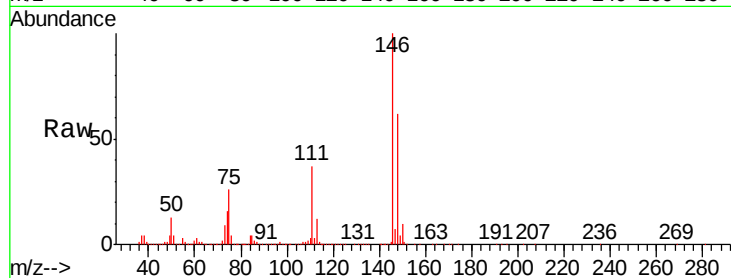
#87
 1,3-Dichlorobenzene
 Concen: 20.106 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006265.D
 Acq: 03 Dec 2018 20:31

Instrument :
 MSVOA_X
 ClientSampled :
 VX1203WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.4	55.2
148	63.6	32.0	96.0

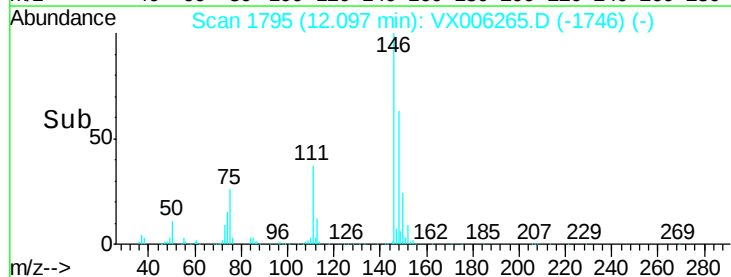
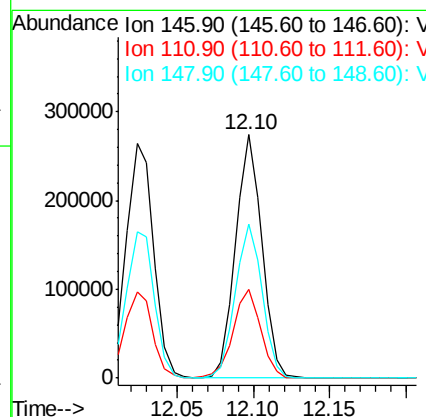
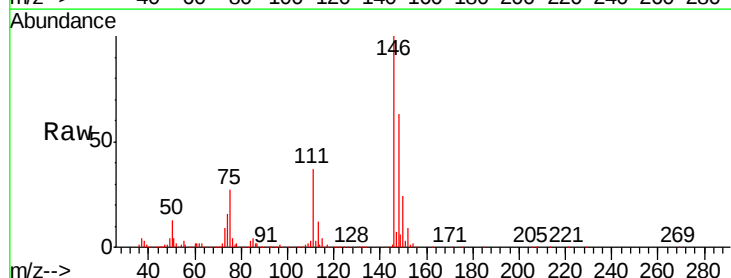
Manual Integrations
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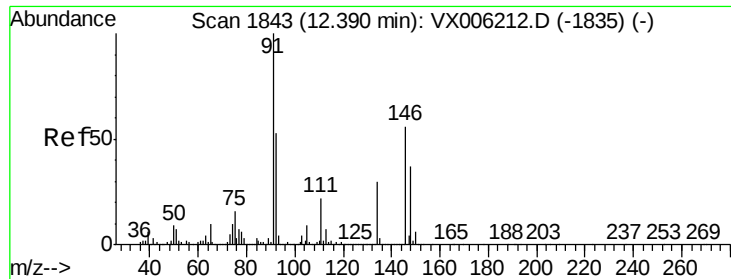
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#88
 1,4-Dichlorobenzene
 Concen: 19.350 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006265.D
 Acq: 03 Dec 2018 20:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.3	54.8
148	64.6	31.9	95.9





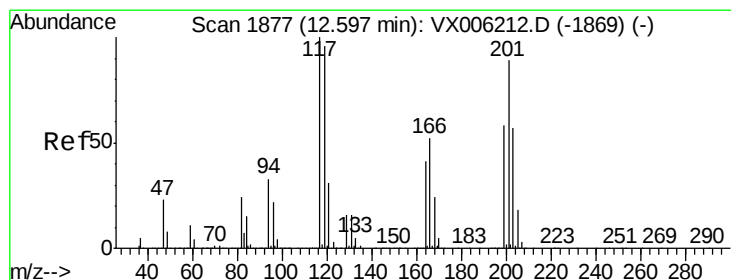
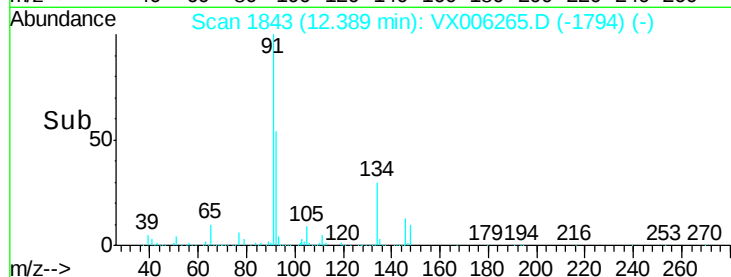
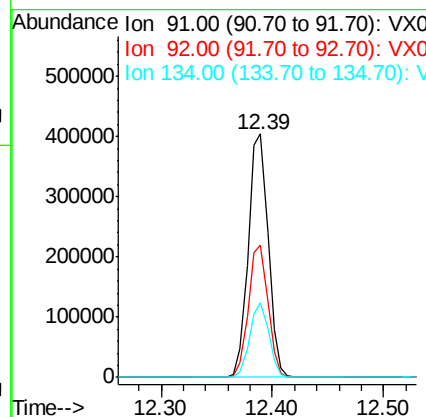
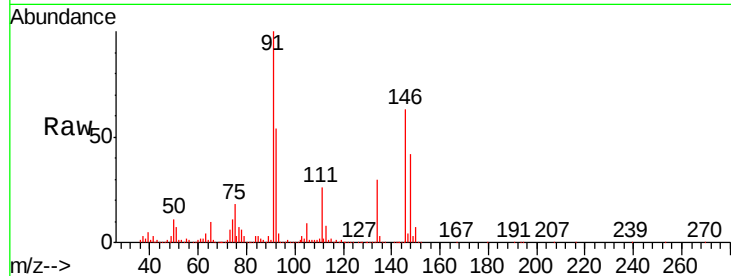
#89
n-Butylbenzene
Concen: 19.192 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBSD01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.6	79.8
134	29.5	14.8	44.3

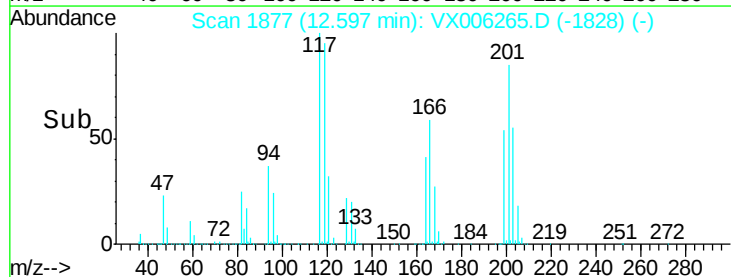
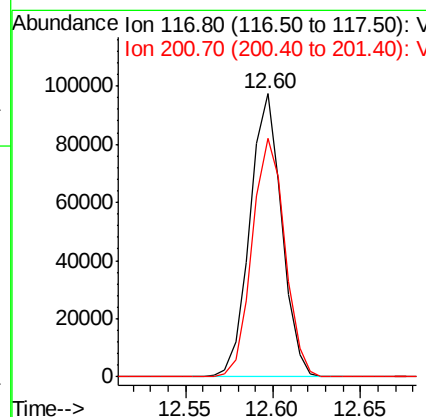
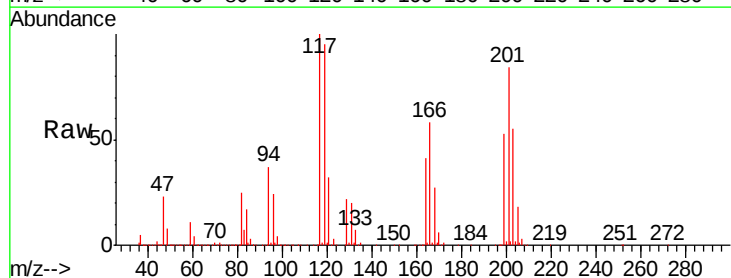
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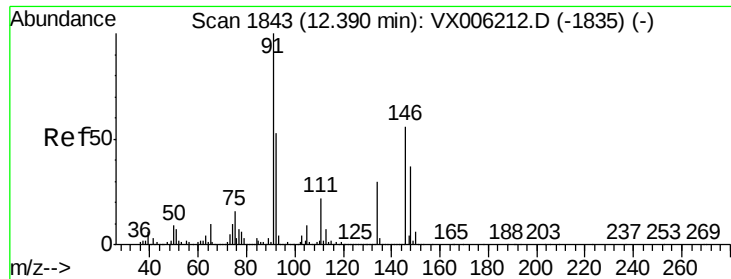
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#90
Hexachloroethane
Concen: 19.762 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006265.D
Acq: 03 Dec 2018 20:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.3	44.7	134.1





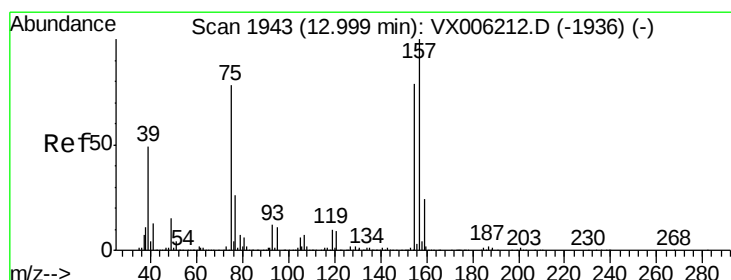
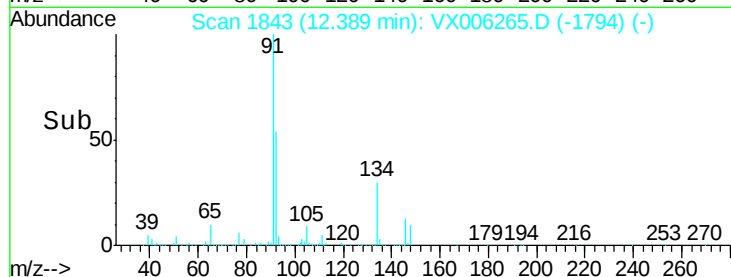
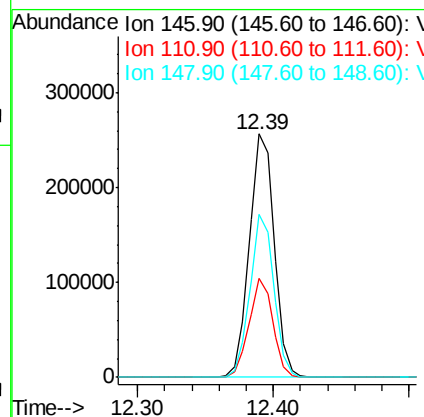
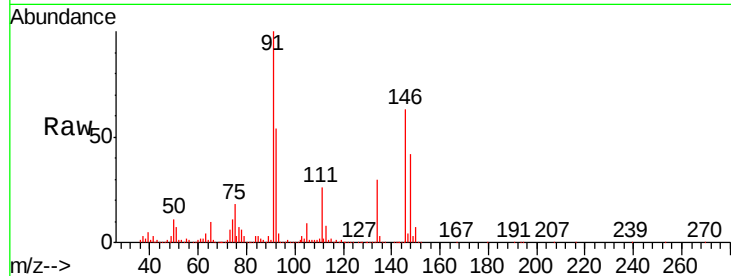
#91
 1,2-Dichlorobenzene
 Concen: 19.903 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006265.D
 Acq: 03 Dec 2018 20:31

Instrument :
 MSVOA_X
 ClientSampled :
 VX1203WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	328272		
111	39.1	19.1	57.3	
148	64.5	32.1	96.3	

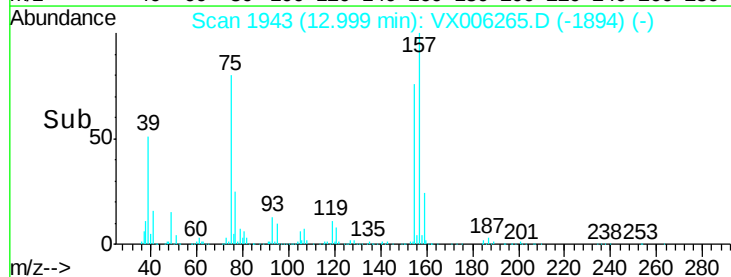
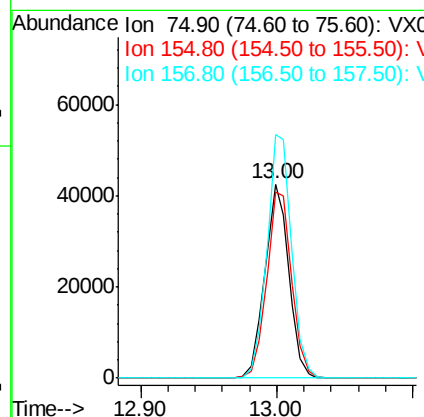
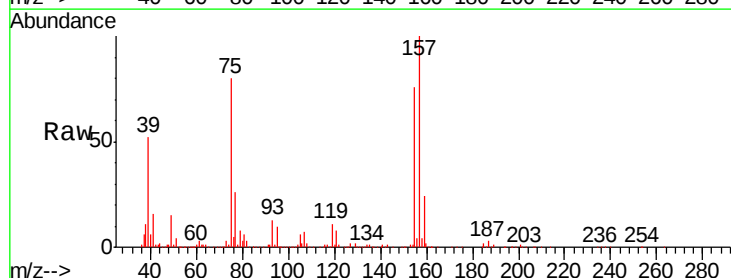
Manual Integrations
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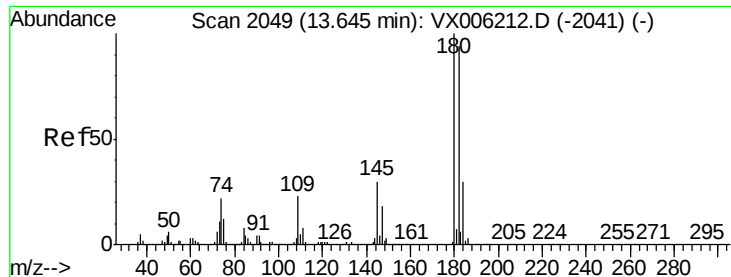
MMDadoda
 12/4/2018 9:58:55 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.213 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006265.D
 Acq: 03 Dec 2018 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	53028		
155	99.6	53.4	160.3	
157	129.3	68.0	203.8	





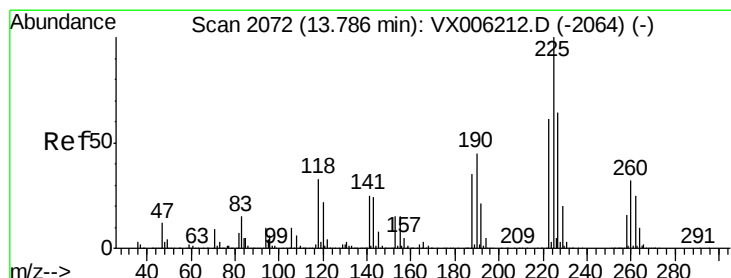
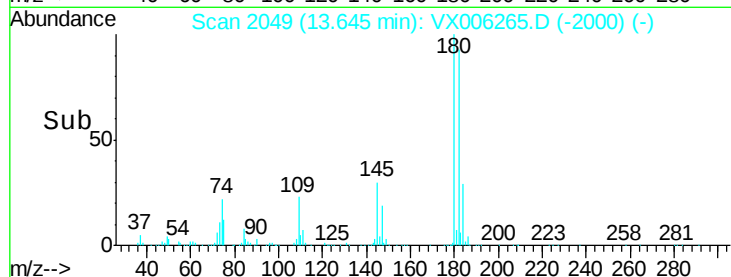
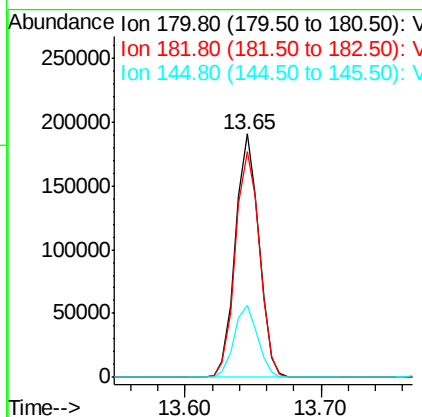
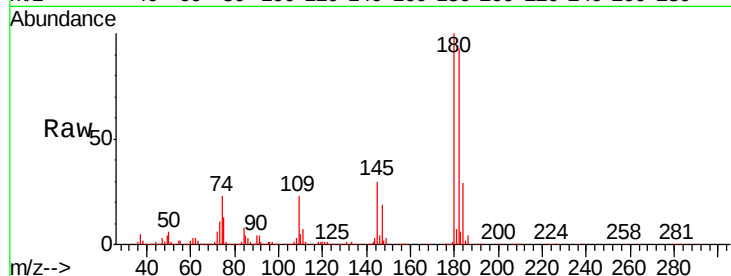
#93
 1,2,4-Trichlorobenzene
 Concen: 19.134 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006265.D
 Acq: 03 Dec 2018 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	230245		
182	95.3	47.3	141.9	
145	29.5	14.6	43.8	

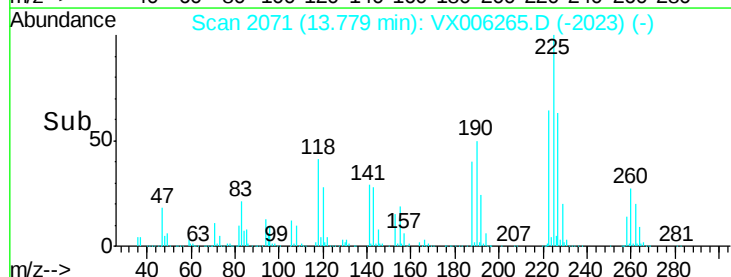
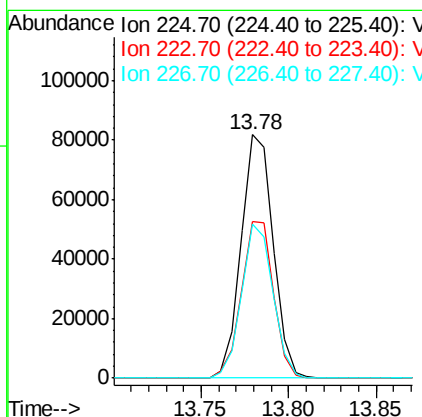
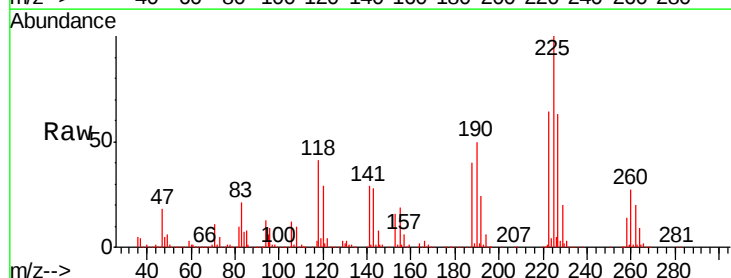
Manual Integrations
 APPROVED

MMDadoda
 12/4/2018 9:58:55 AM



#94
 Hexachlorobutadiene
 Concen: 19.555 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006265.D
 Acq: 03 Dec 2018 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	104060		
223	64.6	31.2	93.6	
227	62.0	31.9	95.5	





#95

Naphthalene

Concen: 20.110 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006265.D

Acq: 03 Dec 2018 20:31

Instrument :

MSVOA_X

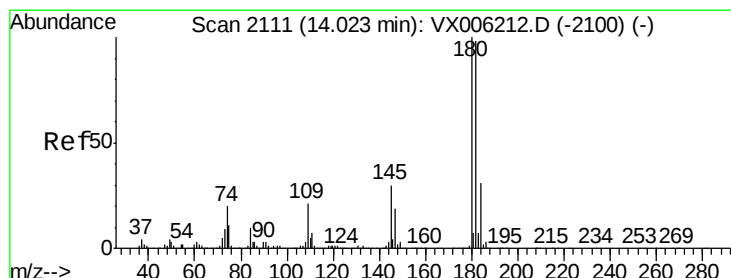
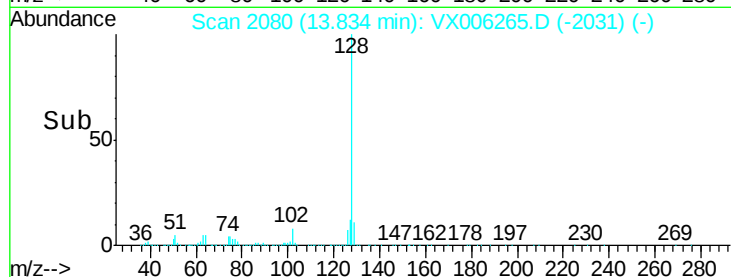
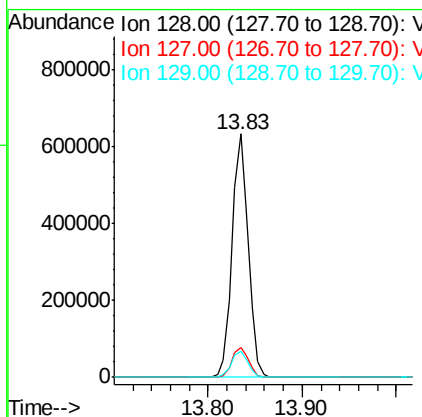
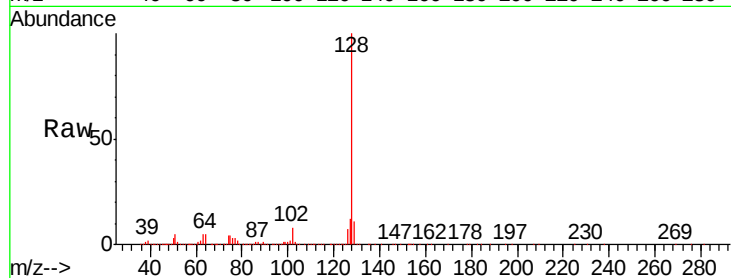
ClientSampleId :

VX1203WBSD01

Tgt Ion:	128	Resp:	752721
Ion Ratio		Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.1	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
12/4/2018 9:58:55 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.274 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX006265.D

Acq: 03 Dec 2018 20:31

Tgt Ion:	180	Resp:	229710
Ion Ratio		Lower	Upper
180	100		
182	97.0	48.4	145.2
145	32.1	15.6	46.8

