

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX120318\
 Data File : VX006248.D
 Acq On : 03 Dec 2018 12:57
 Operator : JC/MD
 Sample : VX1203MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/4/2018 9:58:43 AM

Quant Time: Dec 04 05:48:36 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	788303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1166120	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1040110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	534734	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	352997	43.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.74%	
35) Dibromofluoromethane	5.51	113	337715	44.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.46%	
50) Toluene-d8	8.71	98	1205298	43.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.78%	
62) 4-Bromofluorobenzene	11.13	95	447334	43.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	160457	20.788	ug/l	100
3) Chloromethane	1.33	50	149757	18.880	ug/l	99
4) Vinyl Chloride	1.41	62	169789	19.889	ug/l	99
5) Bromomethane	1.64	94	114639	19.377	ug/l	97
6) Chloroethane	1.73	64	107166	20.474	ug/l	100
7) Trichlorofluoromethane	1.93	101	262971	20.068	ug/l	98
8) Diethyl Ether	2.19	74	98384	19.838	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	148910	19.985	ug/l	99
10) Methyl Iodide	2.51	142	219686	19.564	ug/l	99
11) Tert butyl alcohol	3.07	59	207527	94.298	ug/l	98
12) 1,1-Dichloroethene	2.38	96	139435	19.548	ug/l	96
13) Acrolein	2.29	56	100105	83.223	ug/l	100
14) Allyl chloride	2.73	41	274034	19.448	ug/l	99
15) Acrylonitrile	3.15	53	446538	97.233	ug/l	99
16) Acetone	2.45	43	371615	98.401	ug/l	98
17) Carbon Disulfide	2.57	76	416881	18.966	ug/l	100
18) Methyl Acetate	2.78	43	257611	20.397	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	502225	19.737	ug/l	99
20) Methylene Chloride	2.86	84	154114	19.175	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	147665	19.426	ug/l	97
22) Diisopropyl ether	3.87	45	438480	19.923	ug/l	98
23) Vinyl Acetate	3.82	43	1866986	99.457	ug/l	100
24) 1,1-Dichloroethane	3.70	63	249600	19.841	ug/l	98
25) 2-Butanone	4.70	43	519485	96.405	ug/l	99
26) 2,2-Dichloropropane	4.58	77	222462	19.162	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	170340	20.090	ug/l	97
28) Bromochloromethane	5.03	49	103908	18.910	ug/l	98
29) Tetrahydrofuran	5.15	42	357819	95.544	ug/l	99
30) Chloroform	5.21	83	263664	19.945	ug/l	98
31) Cyclohexane	5.58	56	227581	19.576	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	244769	19.460	ug/l	98
36) 1,1-Dichloropropene	5.81	75	191477	19.499	ug/l	99
37) Ethyl Acetate	4.85	43	210337	19.127	ug/l	99
38) Carbon Tetrachloride	5.78	117	229813	19.893	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	247989	19.455	ug/l	98
40) Benzene	6.15	78	582800	19.815	ug/l	98
41) Methacrylonitrile	5.06	41	113773	18.802	ug/l	99
42) 1,2-Dichloroethane	6.20	62	192981	20.048	ug/l	100
43) Isopropyl Acetate	6.46	43	345786	18.859	ug/l	100
44) Trichloroethene	7.21	130	175587	19.707	ug/l	94
45) 1,2-Dichloropropane	7.52	63	146680	19.623	ug/l	99
46) Dibromomethane	7.66	93	106714	19.767	ug/l	98
47) Bromodichloromethane	7.90	83	207281	19.827	ug/l	99
48) Methyl methacrylate	7.77	41	167044	18.727	ug/l	98
49) 1,4-Dioxane	7.75	88	82410	374.858	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1025130	96.042	ug/l	99
52) Toluene	8.79	92	374931	19.377	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	234906	19.213	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	249390	19.643	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	158046	20.105	ug/l	98
56) Ethyl methacrylate	9.18	69	238095	19.374	ug/l	98
57) 1,3-Dichloropropane	9.37	76	248232	19.970	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	608471	97.571	ug/l	99
59) 2-Hexanone	9.49	43	780941	95.765	ug/l	100
60) Dibromochloromethane	9.59	129	189445	19.544	ug/l	100
61) 1,2-Dibromoethane	9.67	107	171959	19.564	ug/l	100
64) Tetrachloroethene	9.34	164	163456	20.868	ug/l	98
65) Chlorobenzene	10.14	112	438829	19.875	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	171688	20.014	ug/l	99
67) Ethyl Benzene	10.25	91	726035	19.771	ug/l	98
68) m/p-Xylenes	10.36	106	574269	39.040	ug/l	100
69) o-Xylene	10.70	106	282304	19.429	ug/l	99
70) Styrene	10.71	104	457414	19.464	ug/l	98
71) Bromoform	10.86	173	157526	19.452	ug/l #	99
73) Isopropylbenzene	11.02	105	748103	20.258	ug/l	99
74) N-amyl acetate	10.90	43	304863	19.171	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	236042	19.980	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	226753m	21.970	ug/l	
77) Bromobenzene	11.26	156	205591	20.061	ug/l	99
78) n-propylbenzene	11.36	91	821306	20.008	ug/l	99
79) 2-Chlorotoluene	11.42	91	493356	20.221	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	618379	20.126	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	84573	19.229	ug/l	98
82) 4-Chlorotoluene	11.51	91	558905	19.703	ug/l	99
83) tert-Butylbenzene	11.77	119	667338	20.356	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	631625	19.908	ug/l	99
85) sec-Butylbenzene	11.94	105	753713	20.210	ug/l	100
86) p-Isopropyltoluene	12.07	119	670735	19.973	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	361507	19.825	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	361102	19.510	ug/l	99
89) n-Butylbenzene	12.39	91	558585	19.494	ug/l	100
90) Hexachloroethane	12.60	117	137548	20.096	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	362409	20.025	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	56289	18.587	ug/l	98

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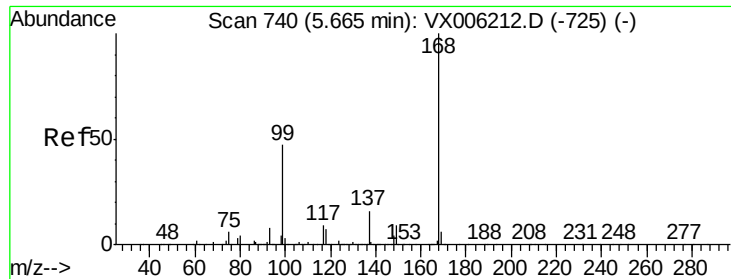
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	261697	19.820	ug/l	99
94) Hexachlorobutadiene	13.79	225	119717	20.503	ug/l	99
95) Naphthalene	13.83	128	810452	19.733	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	257800	19.713	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: VX006248.D

Acq: 03 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

Tot Ion:168 Resp: 788303

Ion Ratio Lower Upper

168 100

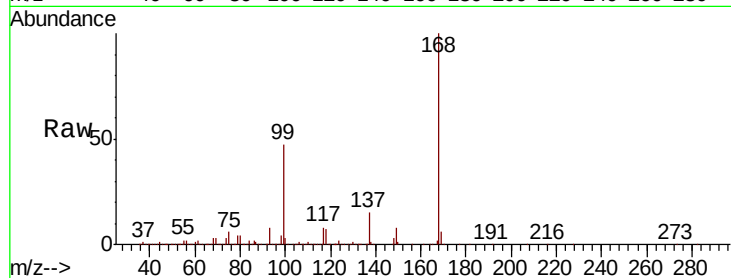
99 47.3 37.8 56.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

300000

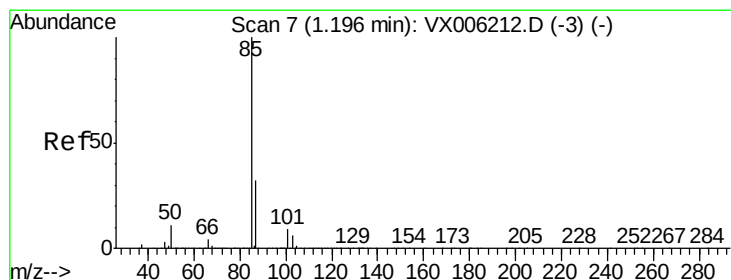
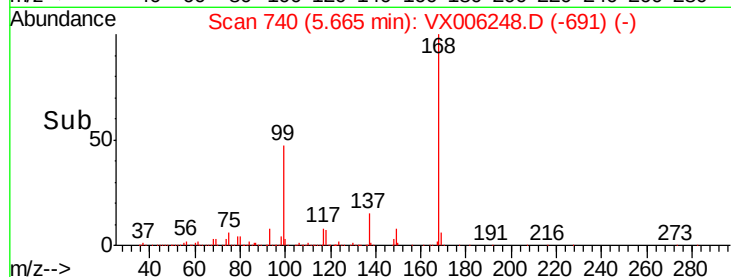
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.788 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006248.D

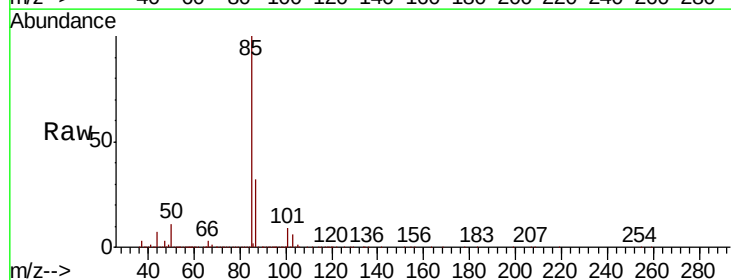
Acq: 03 Dec 2018 12:57

Tgt Ion: 85 Resp: 160457

Ion Ratio Lower Upper

85 100

87 32.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

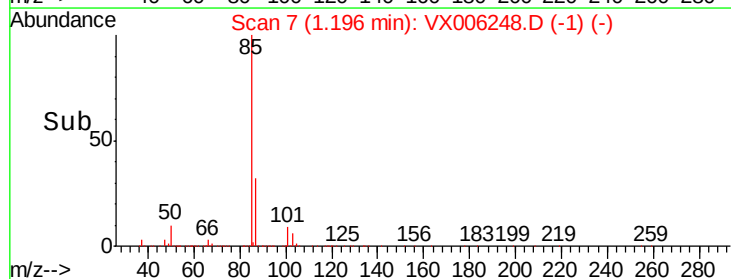
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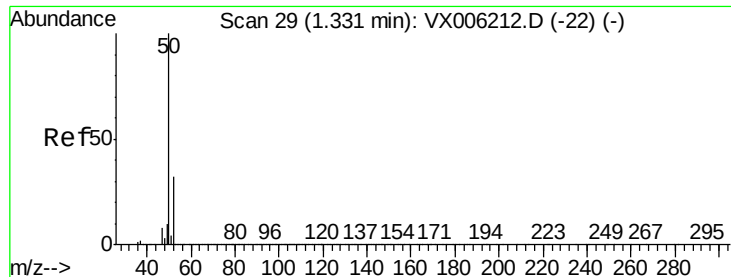
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.880 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006248.D

Acq: 03 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

Tot Ion: 50 Resp: 149757

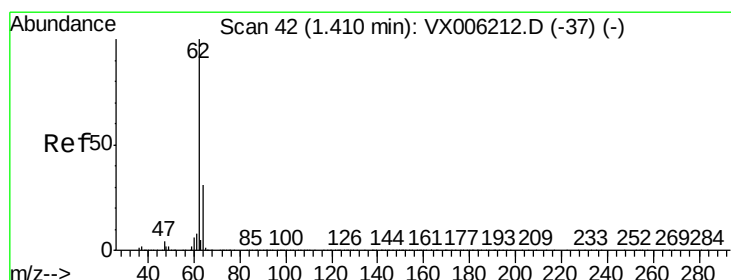
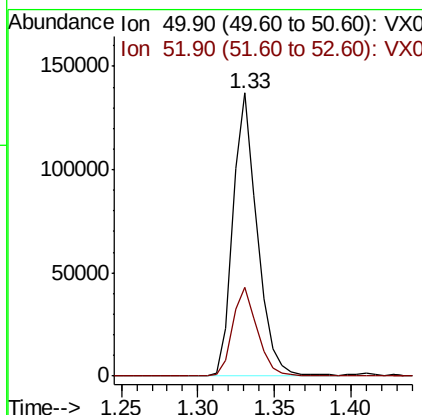
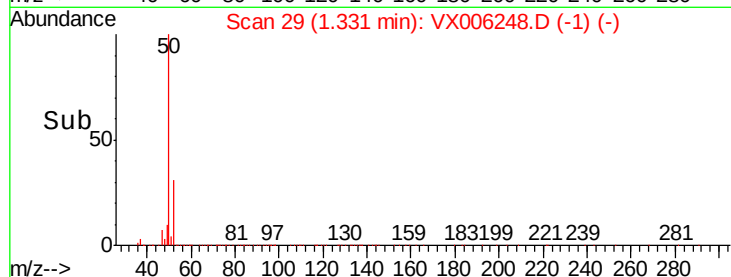
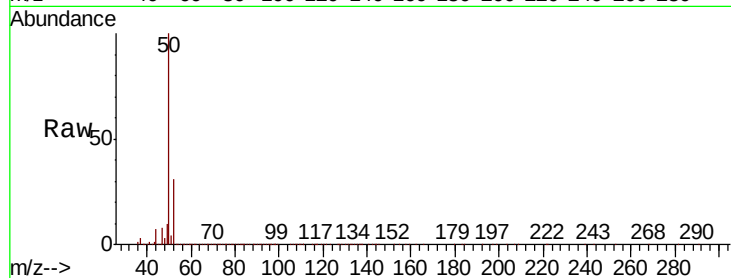
Ion Ratio Lower Upper

50 100

52 31.1 25.2 37.8

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#4

Vinyl Chloride

Concen: 19.889 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006248.D

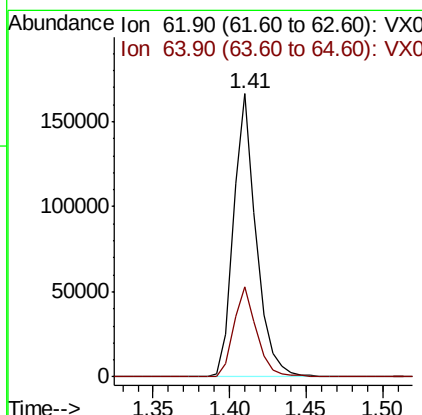
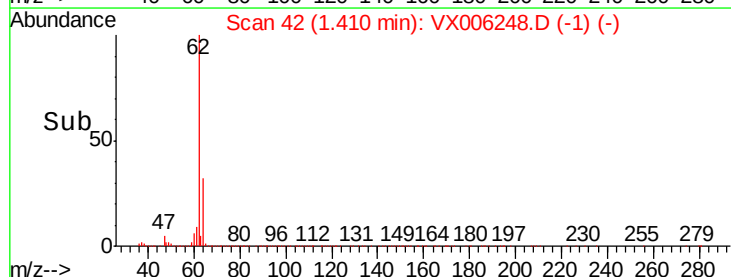
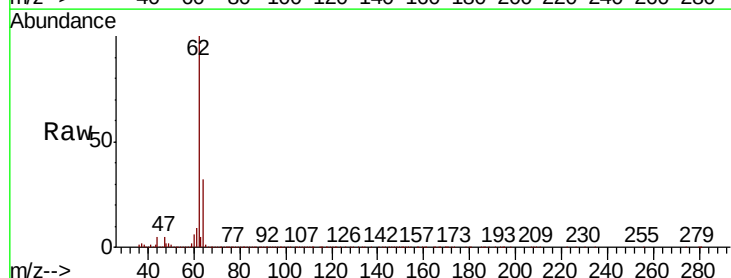
Acq: 03 Dec 2018 12:57

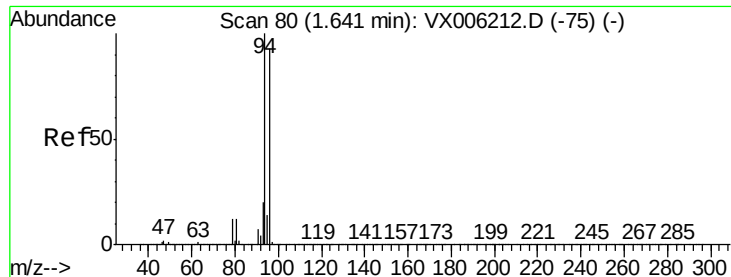
Tgt Ion: 62 Resp: 169789

Ion Ratio Lower Upper

62 100

64 31.7 24.9 37.3





#5

Bromomethane

Concen: 19.377 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006248.D

Acq: 03 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

Tot Ion: 94 Resp: 114639

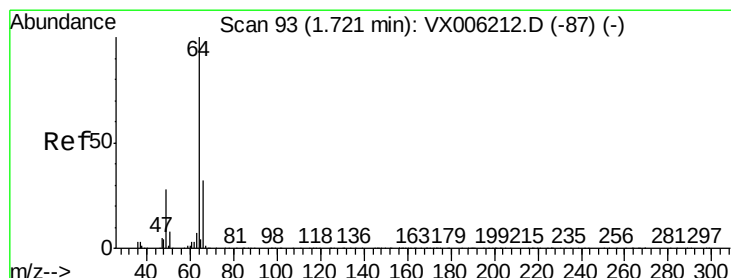
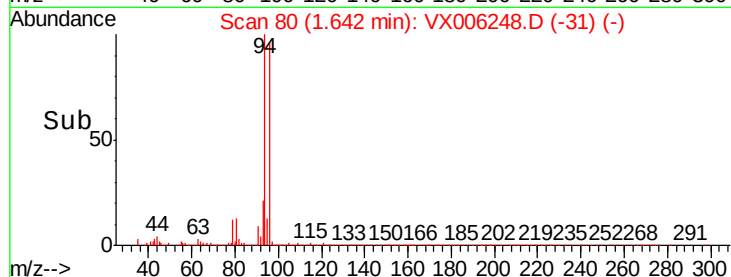
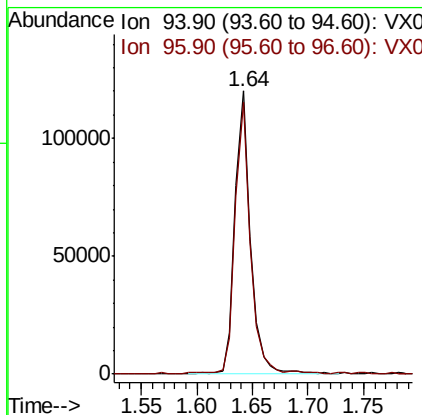
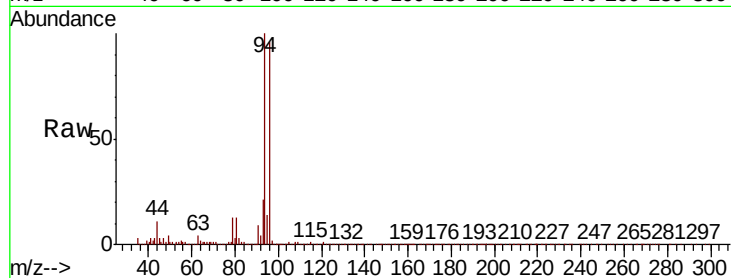
Ion Ratio Lower Upper

94 100

96 95.8 74.5 111.7

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#6

Chloroethane

Concen: 20.474 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006248.D

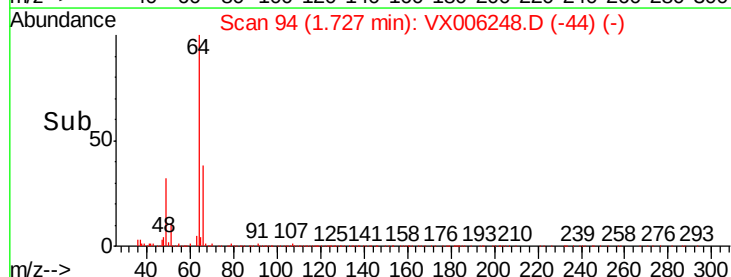
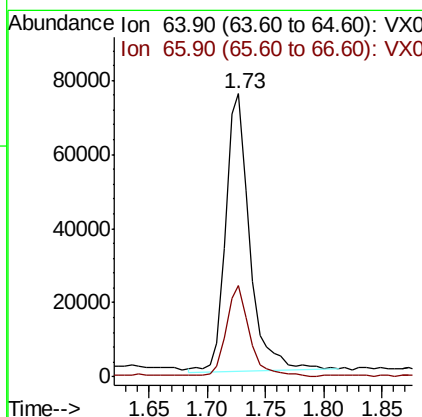
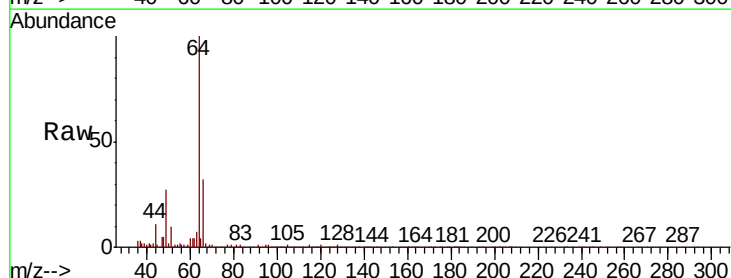
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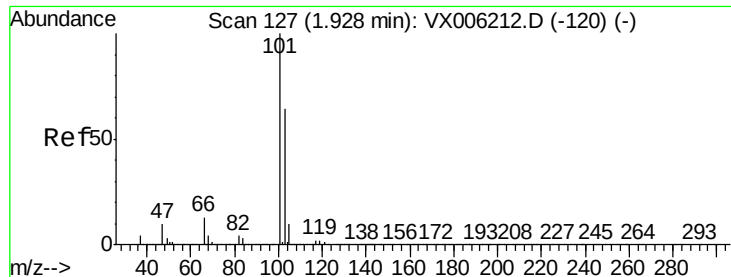
Tgt Ion: 64 Resp: 107166

Ion Ratio Lower Upper

64 100

66 32.6 25.9 38.9





#7

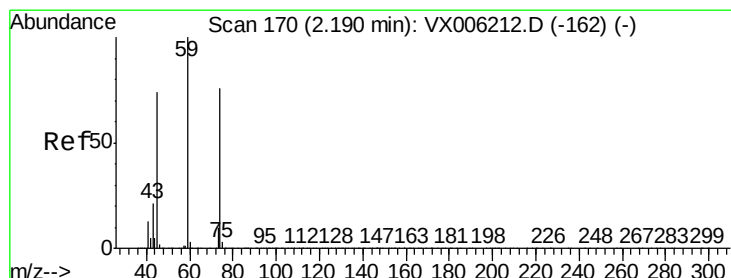
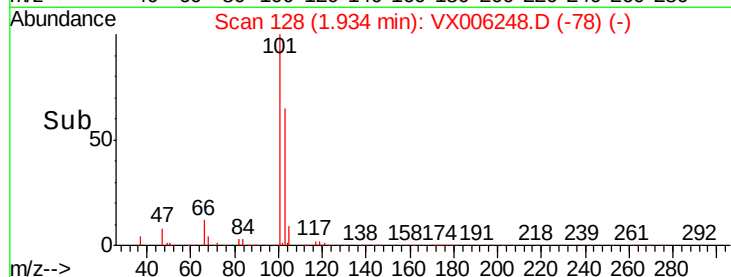
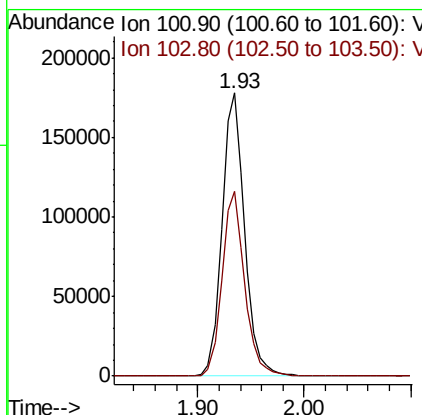
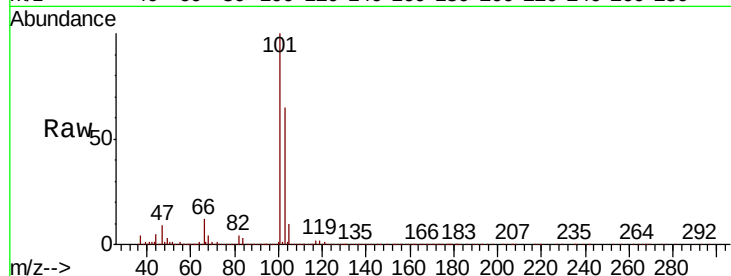
Trichlorofluoromethane
Concen: 20.068 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Instrument :
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ClientSampleId :
VX1203MBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	262971		
103	65.0	51.0	76.4	

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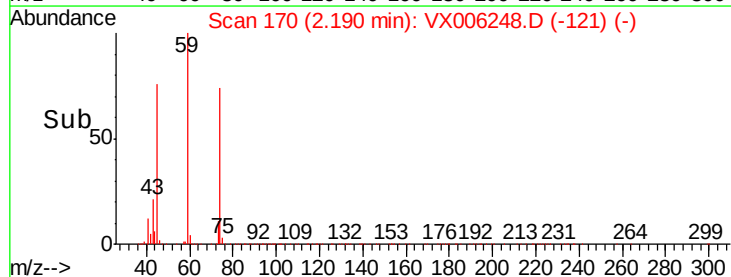
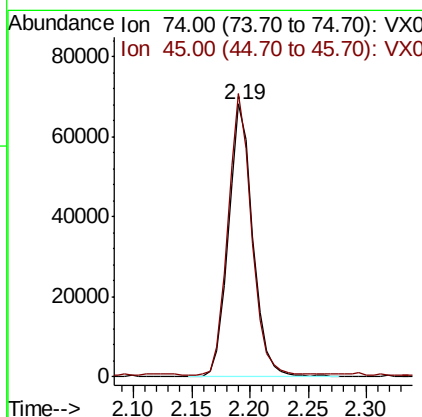
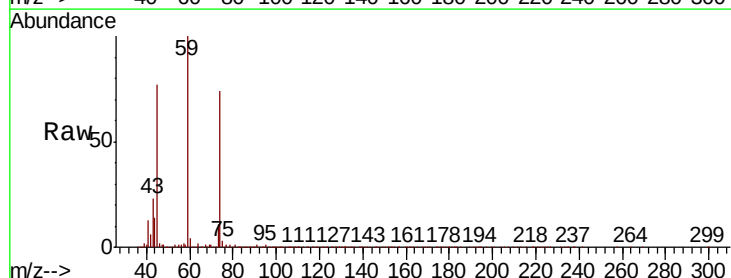
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12/4/2018 9:58:43 AM

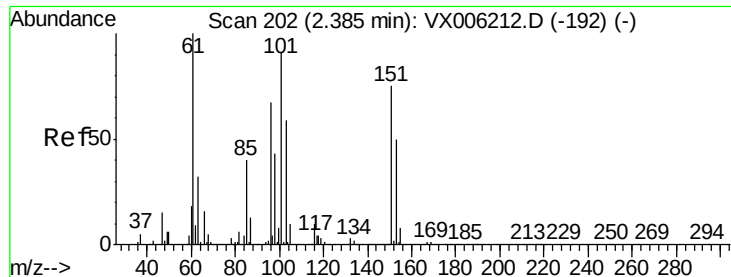


#8

Diethyl Ether
Concen: 19.838 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	98384		
45	100.4	49.5	148.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.985 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006248.D

Acq: 03 Dec 2018 12:57

Instrument :

MSVOA_X

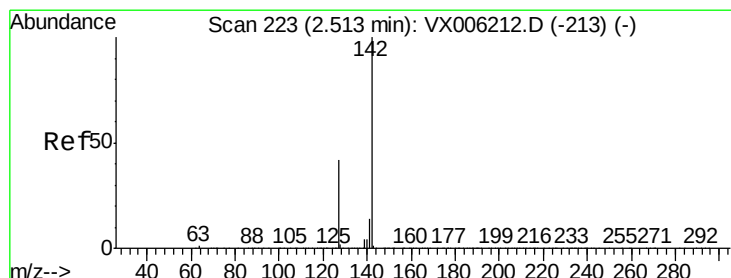
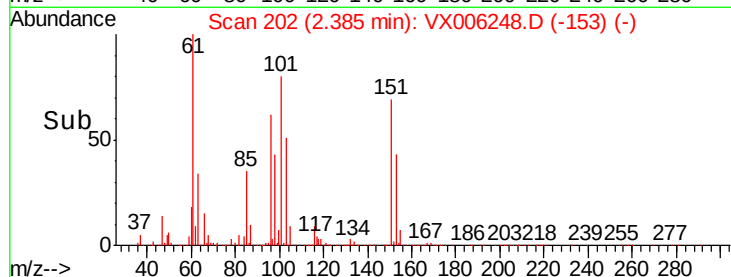
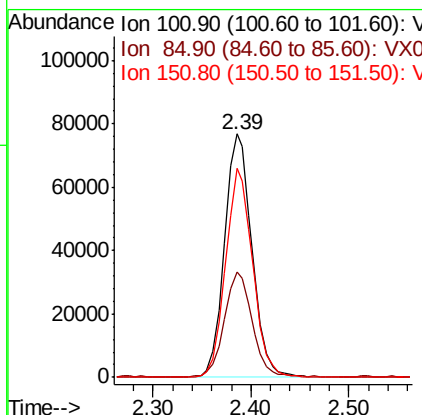
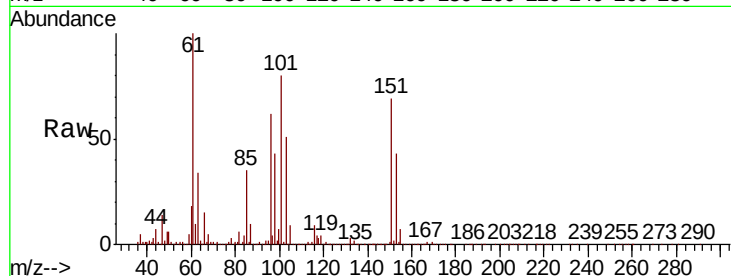
ClientSampleId :

VX1203MBS01

Tot Ion:	101	Resp:	148910
Ion Ratio	Lower	Upper	
101	100		
85	43.6	35.5	53.3
151	85.0	68.6	103.0

Manual Integrations
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MMDadoda
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#10

Methyl Iodide

Concen: 19.564 ug/l

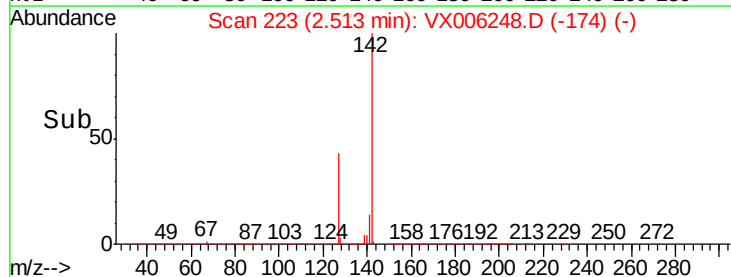
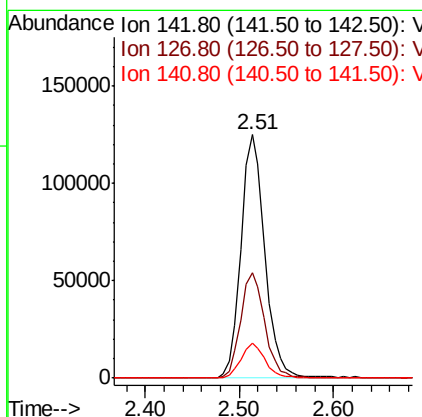
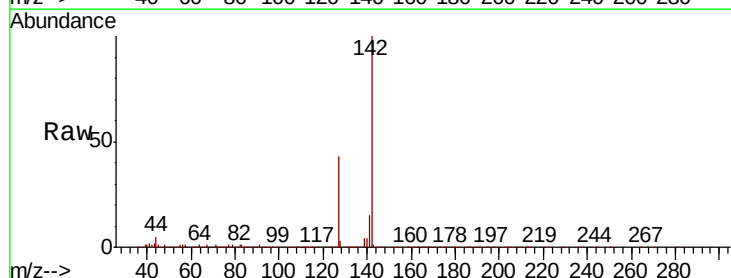
RT: 2.51 min Scan# 223

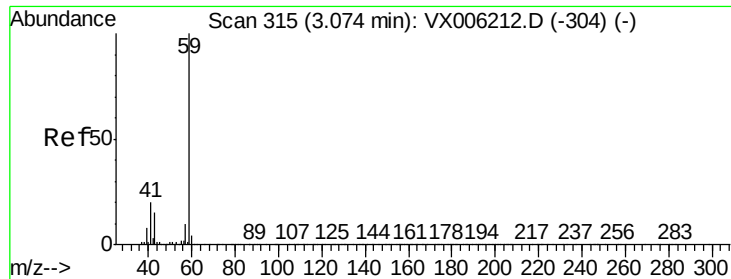
Delta R.T. 0.00 min

Lab File: VX006248.D

Acq: 03 Dec 2018 12:57

Tgt Ion:	142	Resp:	219686
Ion Ratio	Lower	Upper	
142	100		
127	44.1	34.8	52.2
141	14.7	11.4	17.2





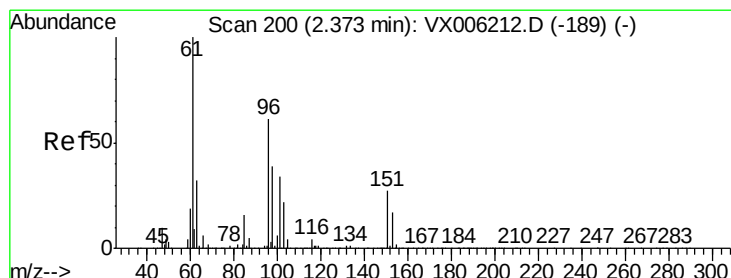
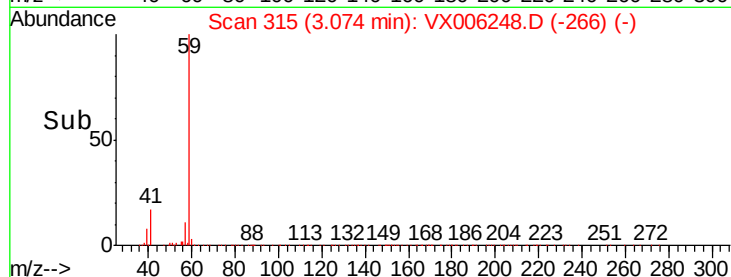
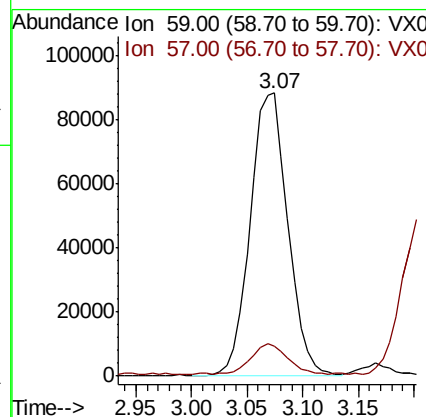
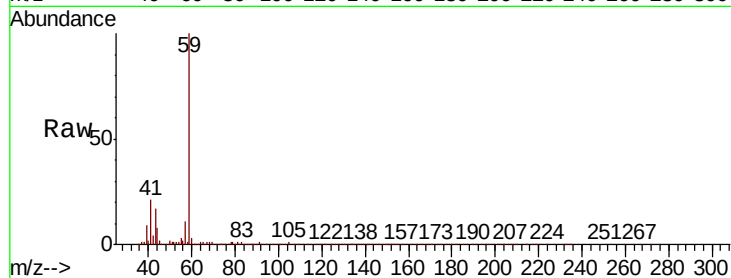
#11
Tert butyl alcohol
Concen: 94.298 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Instrument :
MSVOA_X
ClientSampled :
VX1203MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.2	12.2

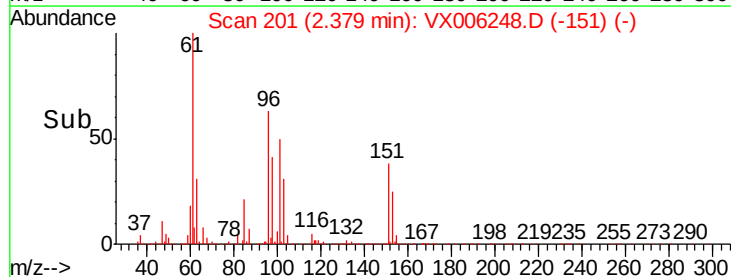
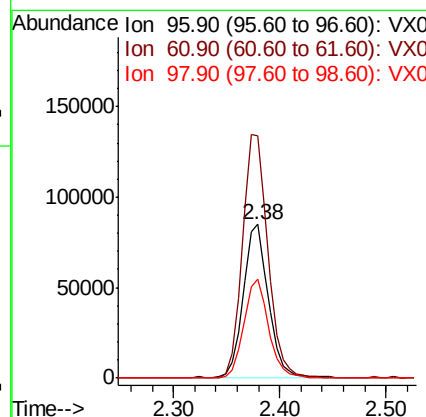
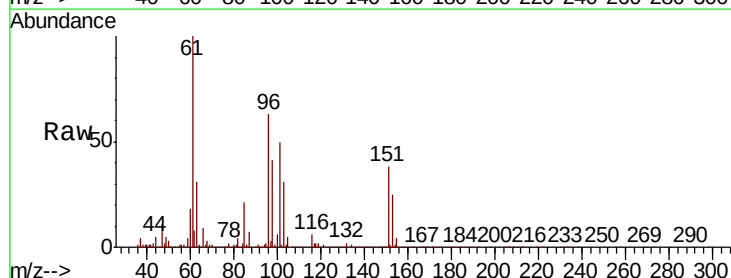
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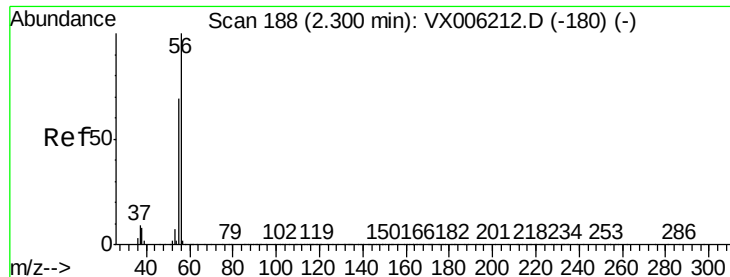
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#12
1,1-Dichloroethene
Concen: 19.548 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.1	131.7	197.5
98	64.7	51.8	77.6





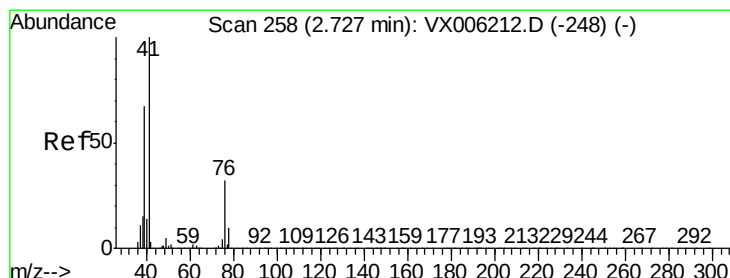
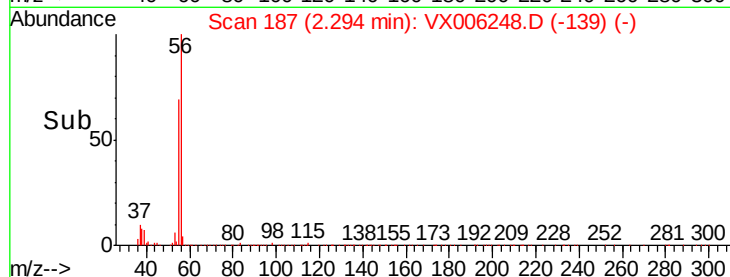
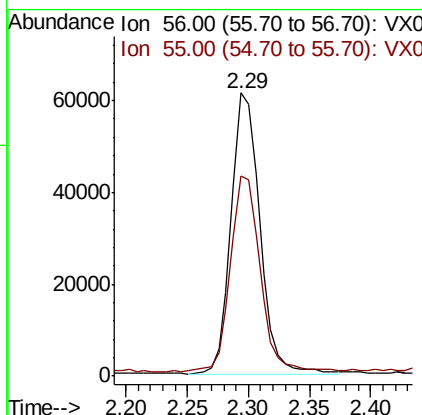
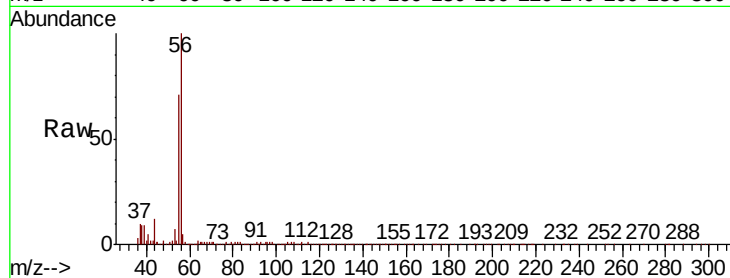
#13
Acrolein
Concen: 83.223 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.1	57.8	86.6

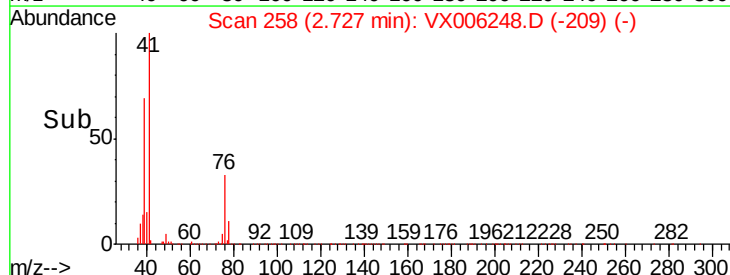
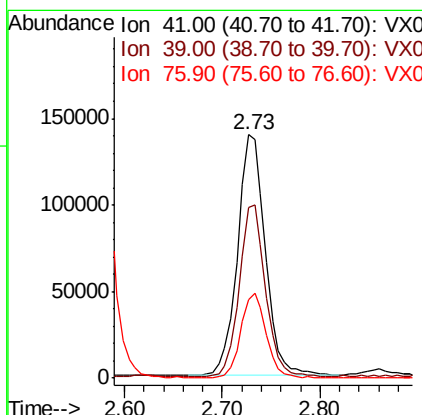
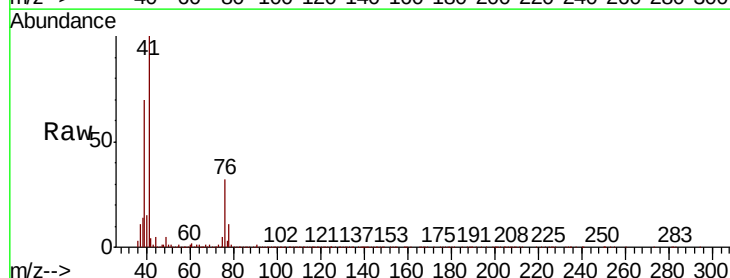
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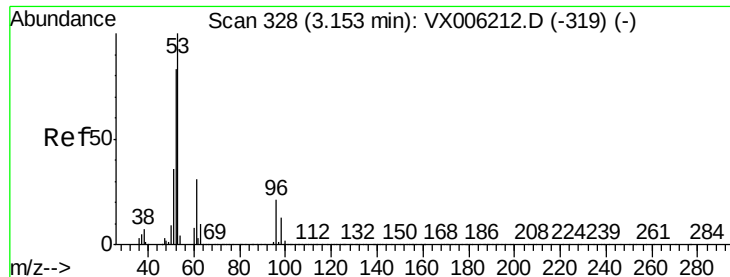
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#14
Allyl chloride
Concen: 19.448 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.3	52.4	78.6
76	32.0	25.4	38.0





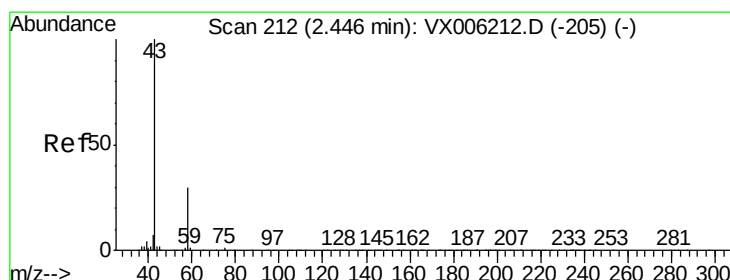
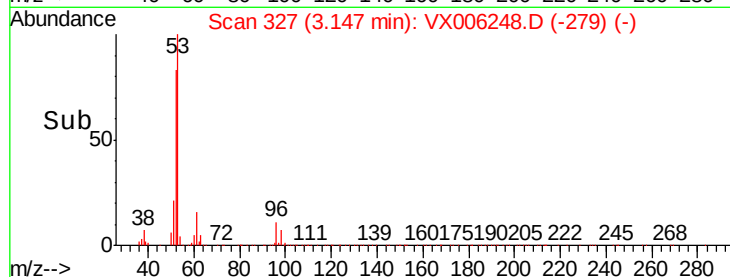
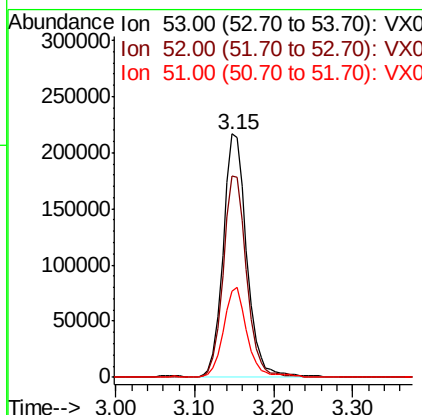
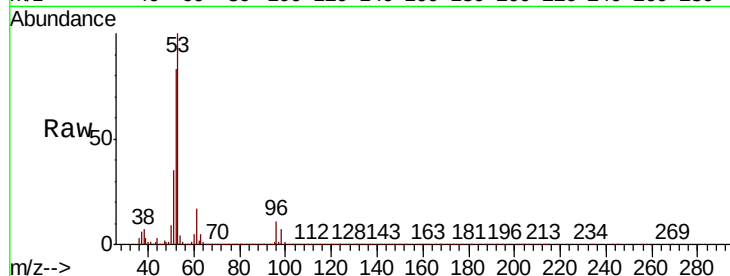
#15
 Acrylonitrile
 Concen: 97.233 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX006248.D
 Acq: 03 Dec 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203MBS01

Tot Ion	53	Resp	446538
Ion Ratio	Lower	Upper	
53	100		
52	82.3	66.2	99.4
51	36.4	28.7	43.1

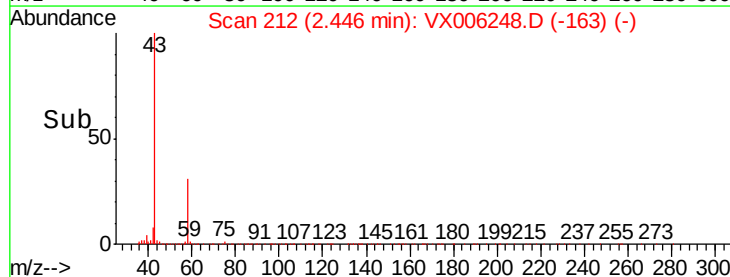
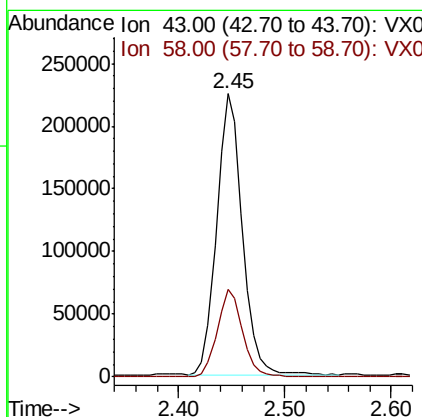
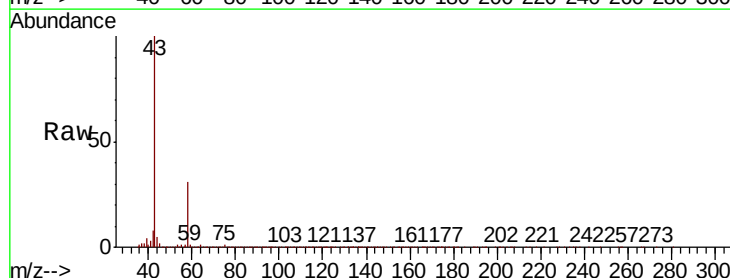
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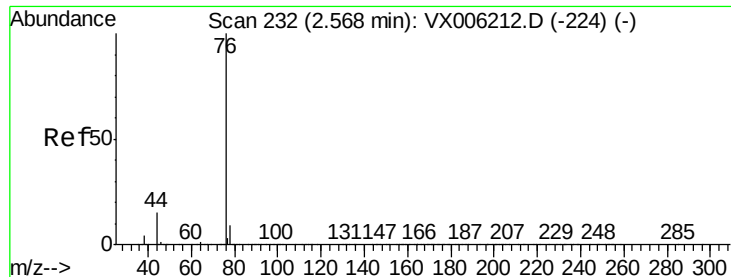
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#16
 Acetone
 Concen: 98.401 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX006248.D
 Acq: 03 Dec 2018 12:57

Tgt Ion	43	Resp	371615
Ion Ratio	Lower	Upper	
43	100		
58	31.0	24.0	36.0





#17

Carbon Disulfide

Concen: 18.966 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006248.D

Acq: 03 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

Tot Ion: 76 Resp: 416881

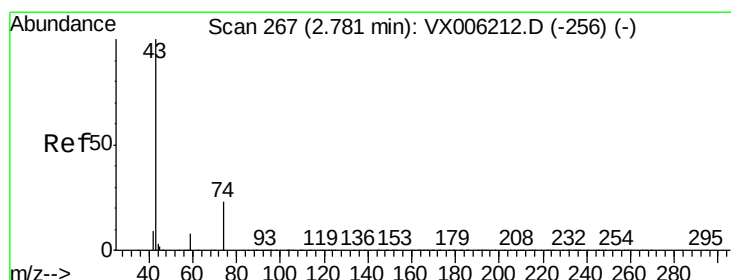
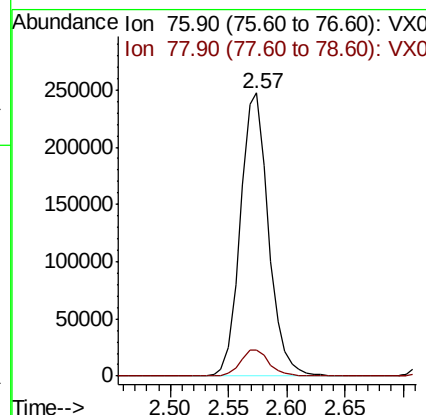
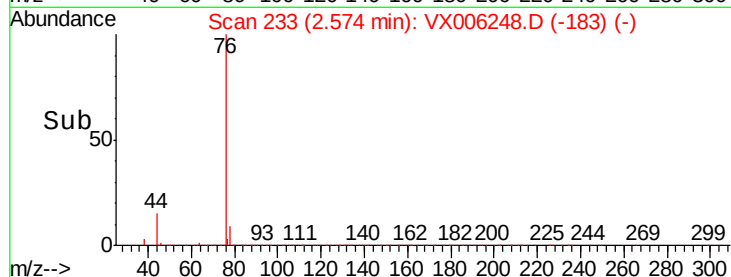
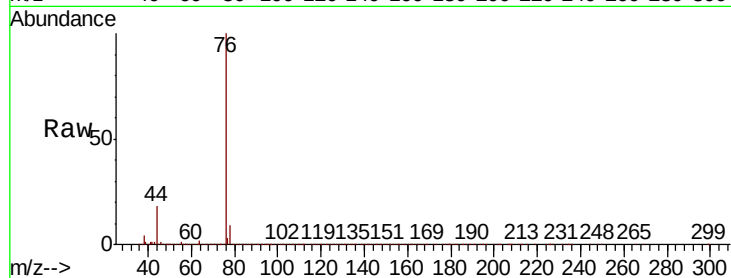
Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

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#18

Methyl Acetate

Concen: 20.397 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006248.D

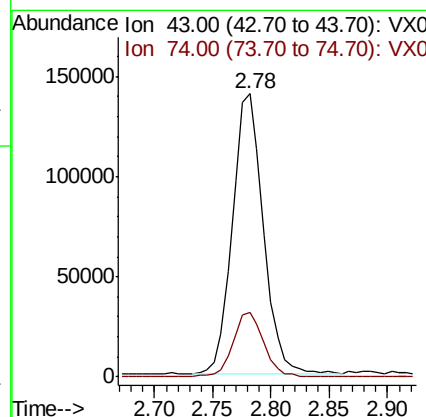
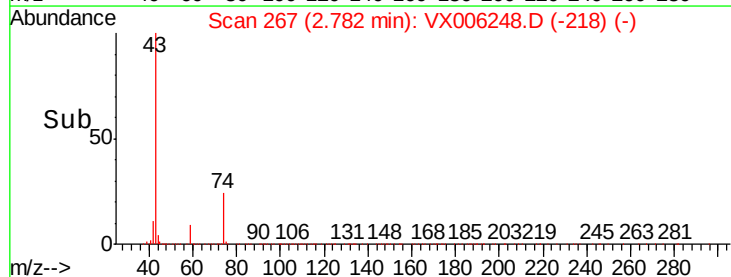
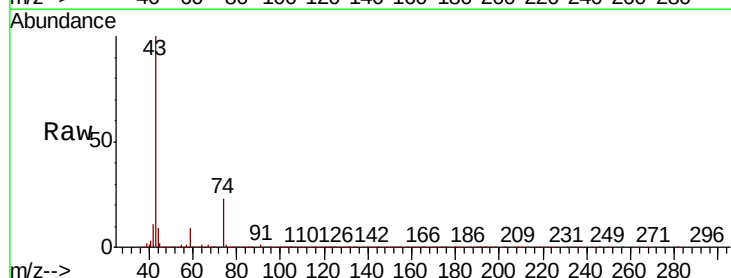
Acq: 03 Dec 2018 12:57

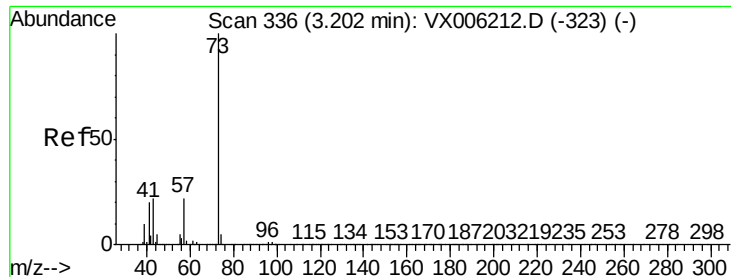
Tgt Ion: 43 Resp: 257611

Ion Ratio Lower Upper

43 100

74 22.8 17.9 26.9





#19

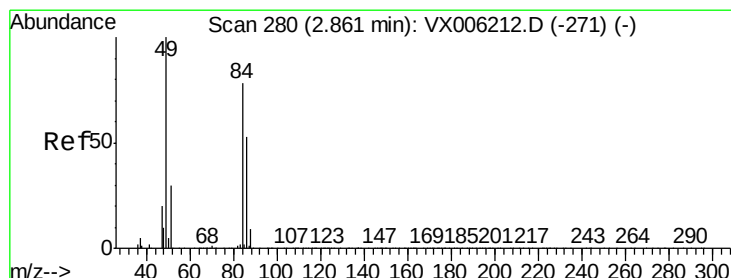
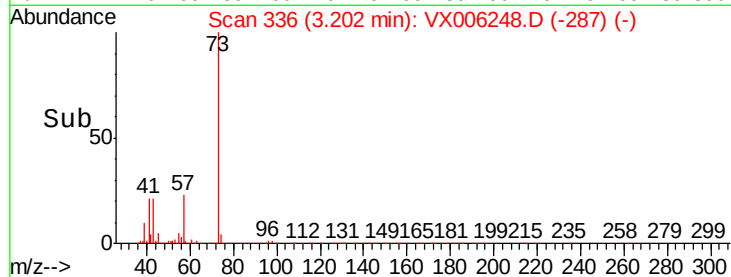
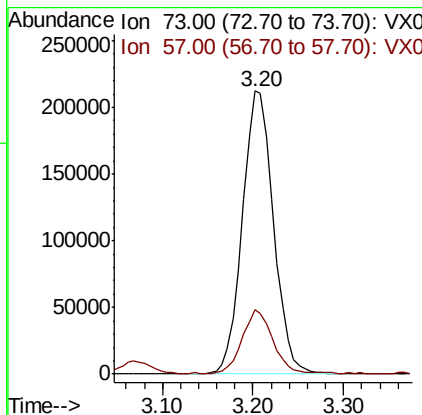
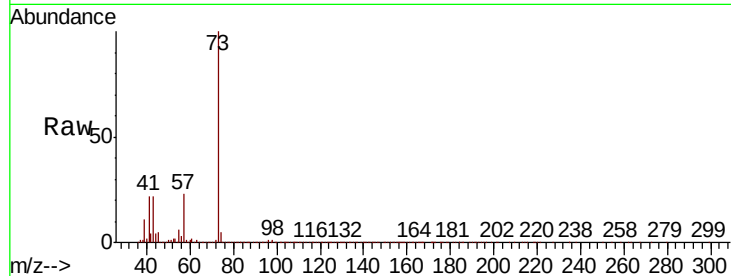
Methyl tert-butyl Ether
 Concen: 19.737 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006248.D
 Acq: 03 Dec 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	17.5	26.3

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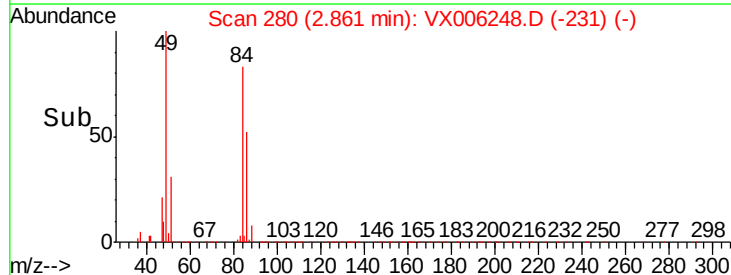
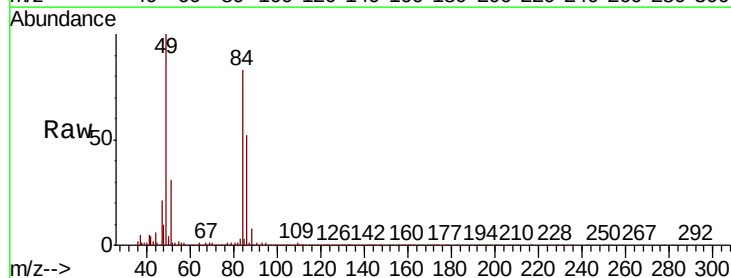
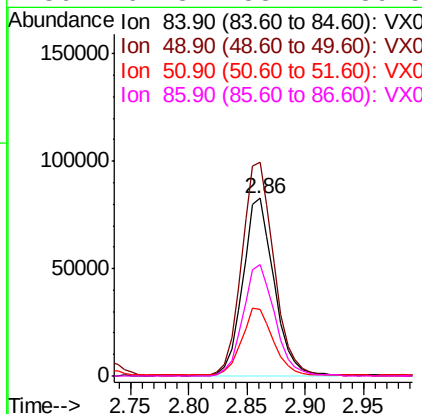
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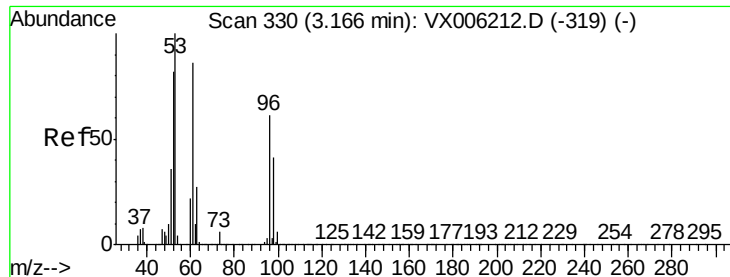


#20

Methylene Chloride
 Concen: 19.175 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX006248.D
 Acq: 03 Dec 2018 12:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.1	102.2	153.4
51	37.2	31.1	46.7
86	62.3	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 19.426 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006248.D

Acq: 03 Dec 2018 12:57

Instrument :

MSVOA_X

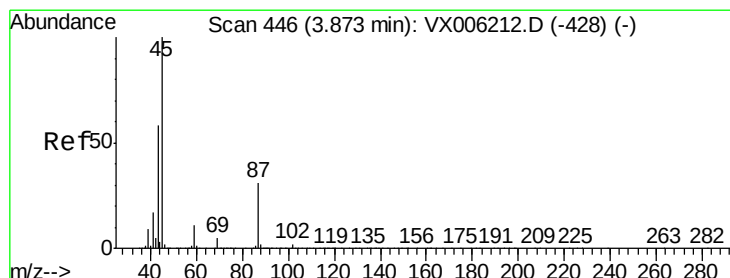
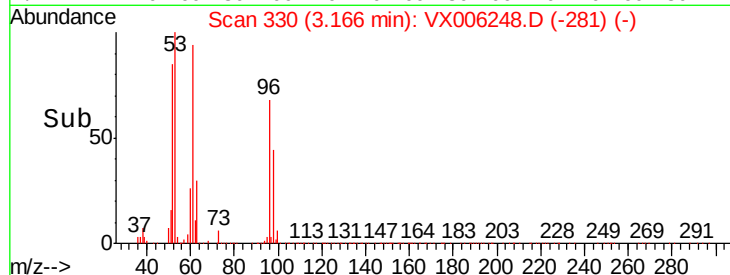
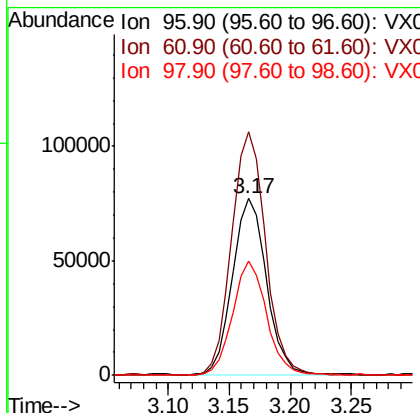
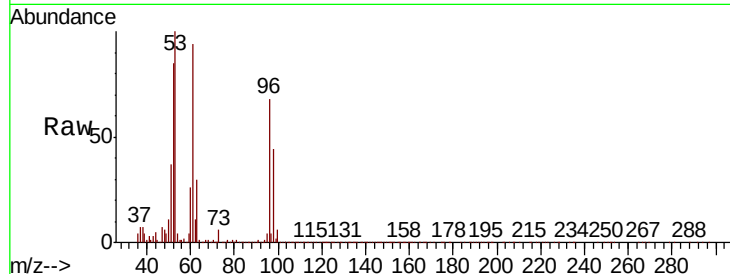
ClientSampleId :

VX1203MBS01

Tot Ion:	96	Resp:	147665
Ion Ratio	Lower	Upper	
96	100		
61	138.0	113.3	169.9
98	64.3	53.2	79.8

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#22

Diisopropyl ether

Concen: 19.923 ug/l

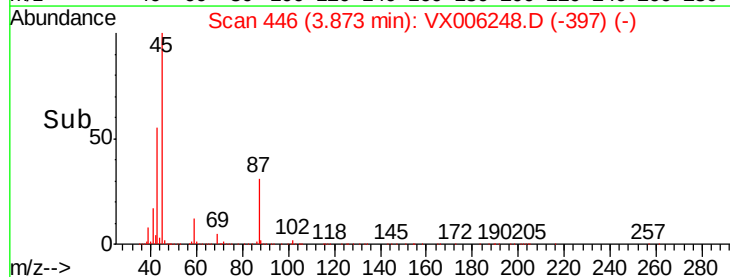
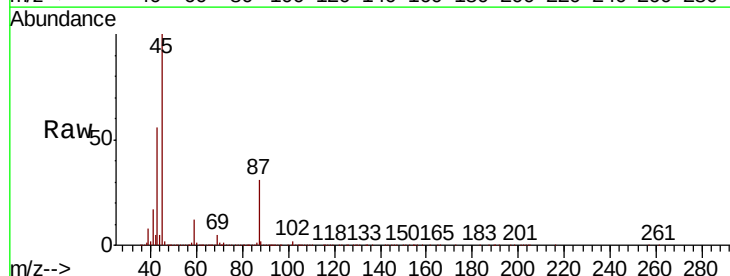
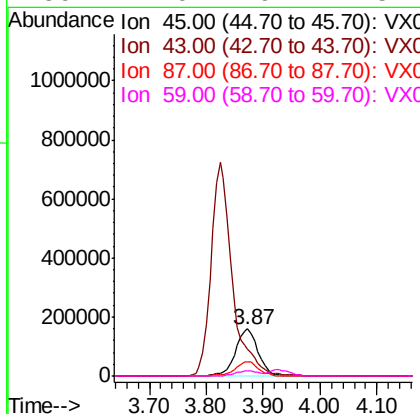
RT: 3.87 min Scan# 446

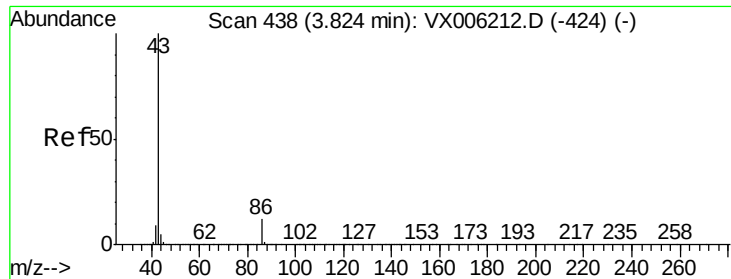
Delta R.T. 0.00 min

Lab File: VX006248.D

Acq: 03 Dec 2018 12:57

Tgt Ion:	45	Resp:	438480
Ion Ratio	Lower	Upper	
45	100		
43	55.4	46.2	69.2
87	31.0	24.9	37.3
59	12.0	9.1	13.7





#23

Vinyl Acetate

Concen: 99.457 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006248.D

Acq: 03 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

Tot Ion: 43 Resp: 1866986

Ion Ratio Lower Upper

43 100

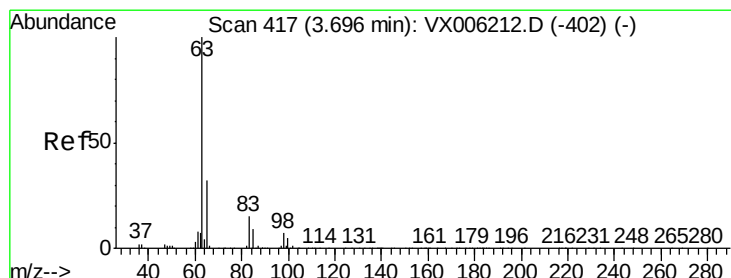
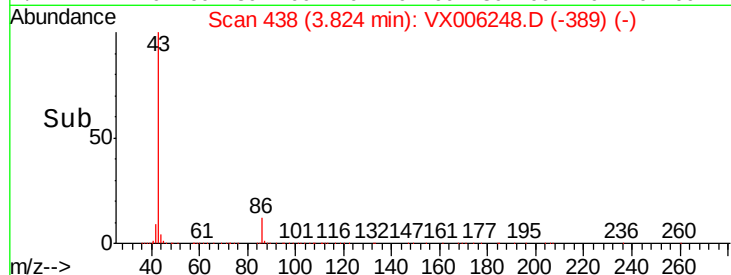
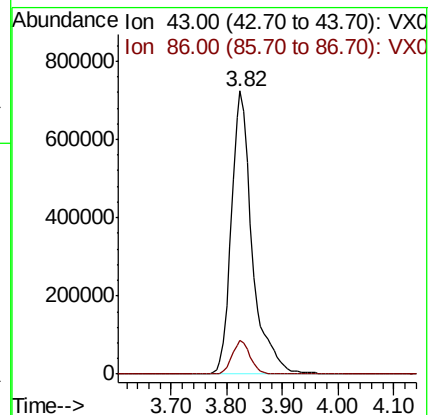
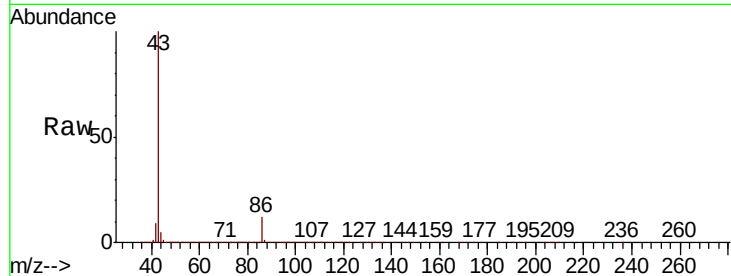
86 11.8 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 19.841 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006248.D

Acq: 03 Dec 2018 12:57

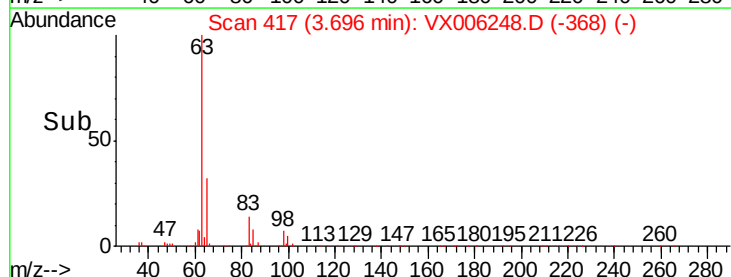
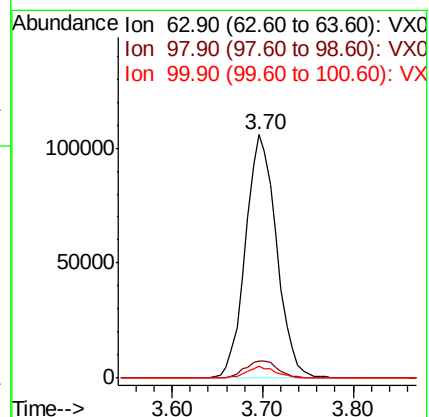
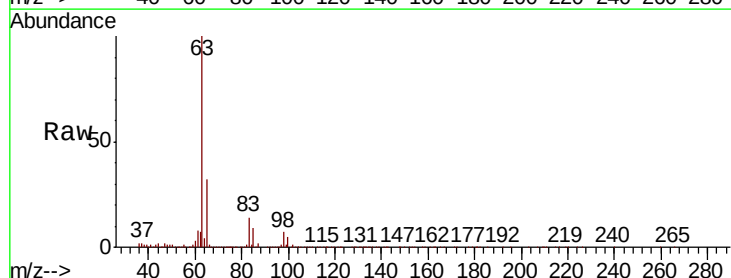
Tgt Ion: 63 Resp: 249600

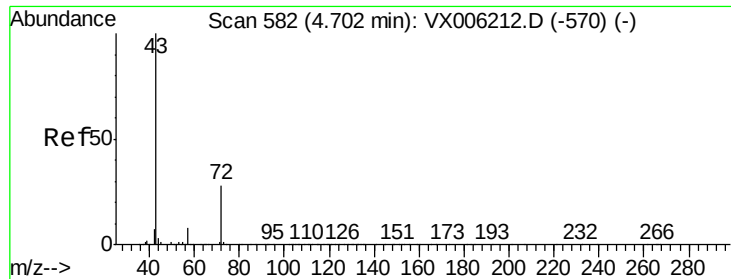
Ion Ratio Lower Upper

63 100

98 6.8 3.8 11.4

100 4.9 2.5 7.4





#25

2-Butanone

Concen: 96.405 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006248.D

Acq: 03 Dec 2018 12:57

Tot Ion: 43 Resp: 519485

Ion Ratio Lower Upper

43 100

72 28.7 22.6 33.8

Instrument :

MSVOA_X

ClientSampleId :

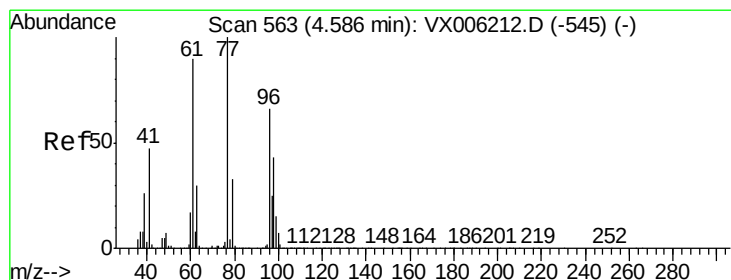
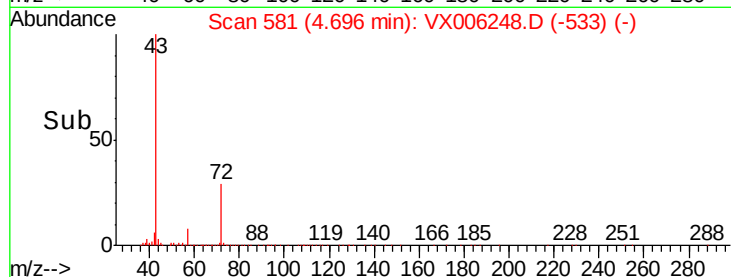
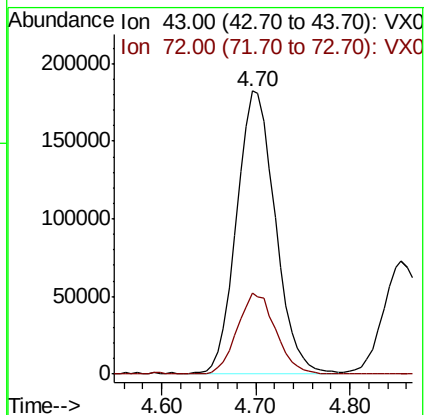
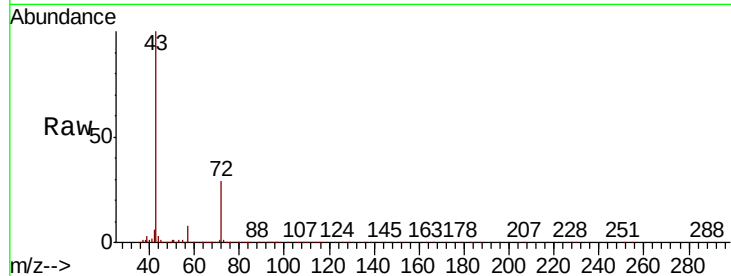
VX1203MBS01

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#26

2,2-Dichloropropane

Concen: 19.162 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006248.D

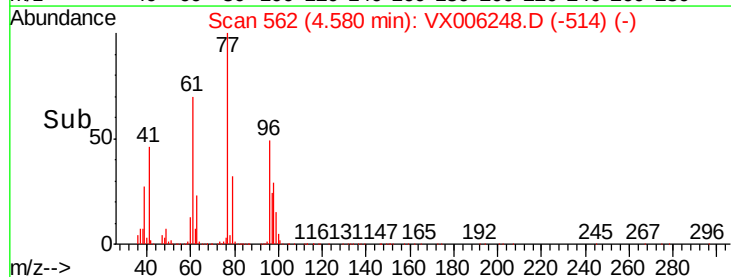
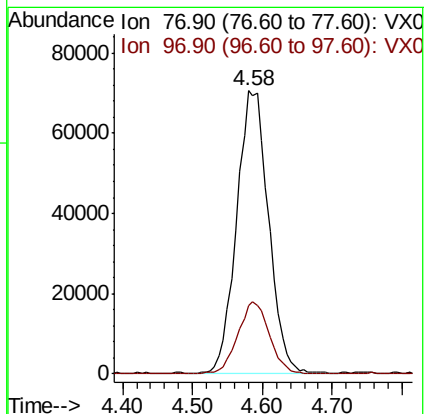
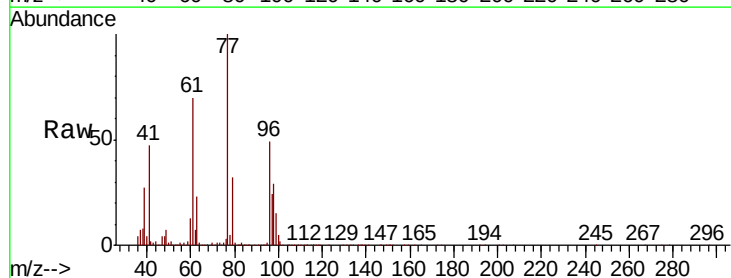
Acq: 03 Dec 2018 12:57

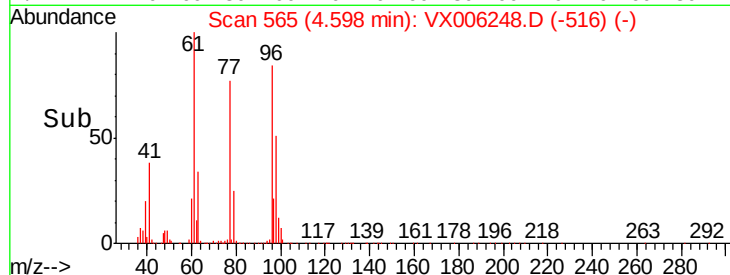
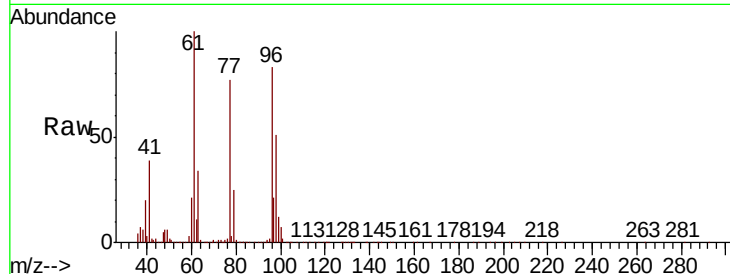
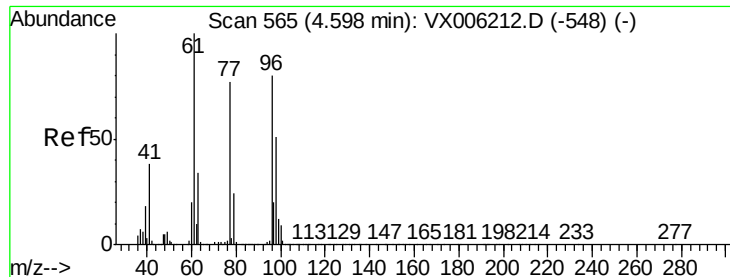
Tgt Ion: 77 Resp: 222462

Ion Ratio Lower Upper

77 100

97 25.0 12.3 36.8





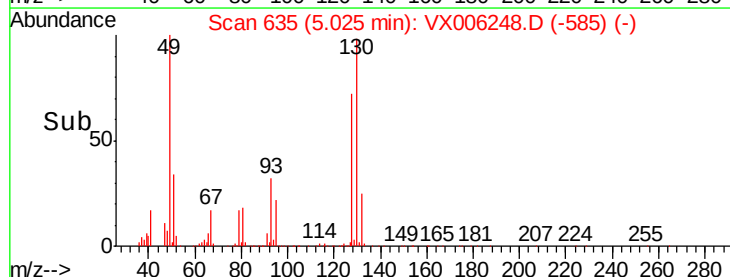
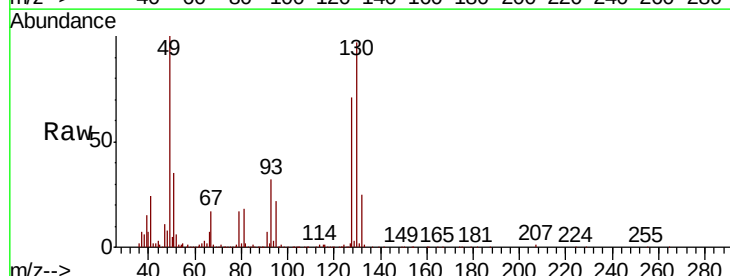
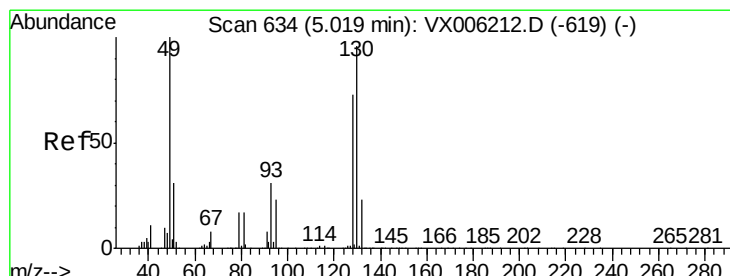
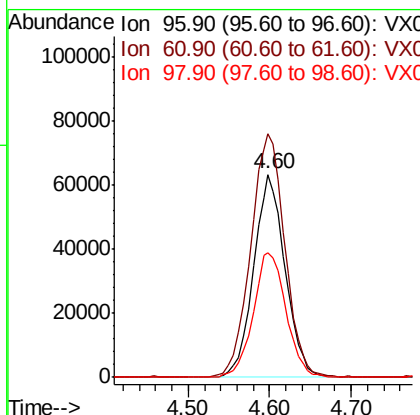
#27
cis-1,2-Dichloroethene
Concen: 20.090 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.0	0.0	265.0
98	63.4	0.0	130.2

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

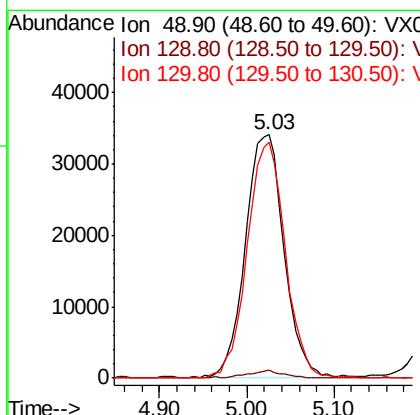
Manual Integrations
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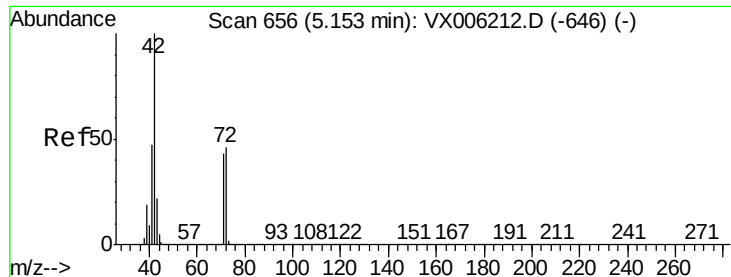
MMDadoda
12/4/2018 9:58:43 AM



#28
Bromochloromethane
Concen: 18.910 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.0
130	96.0	78.3	117.5





#29

Tetrahydrofuran

Concen: 95.544 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006248.D

Acq: 03 Dec 2018 12:57

Instrument :

MSVOA_X

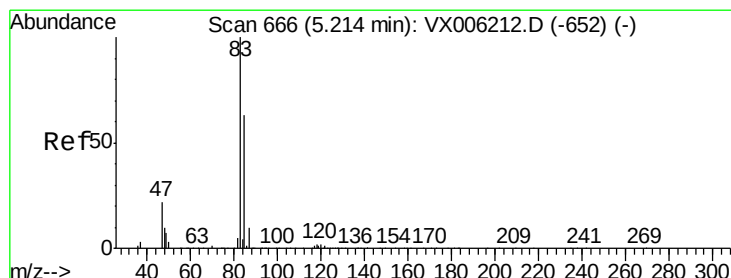
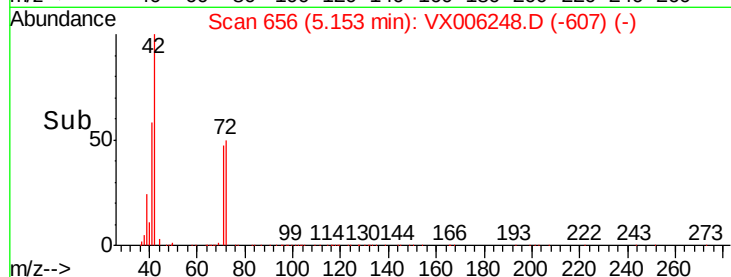
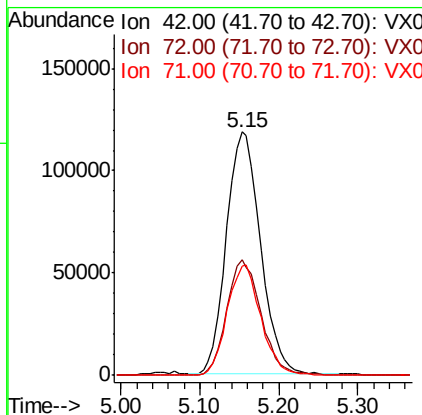
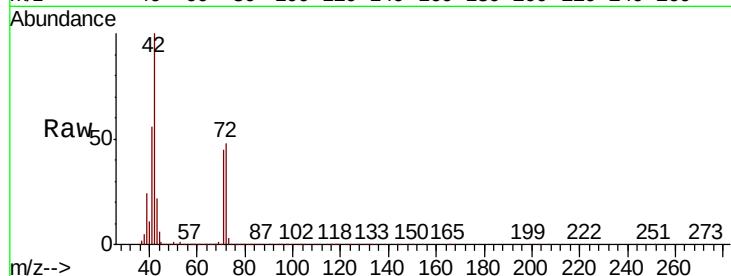
ClientSampleId :

VX1203MBS01

Tot Ion:	42	Resp:	357819
Ion Ratio		Lower	Upper
42	100		
72	47.9	37.8	56.8
71	44.4	35.2	52.8

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#30

Chloroform

Concen: 19.945 ug/l

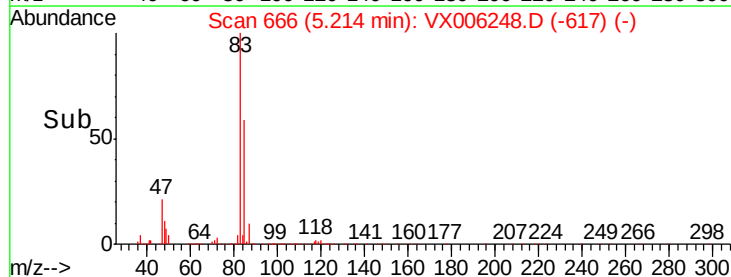
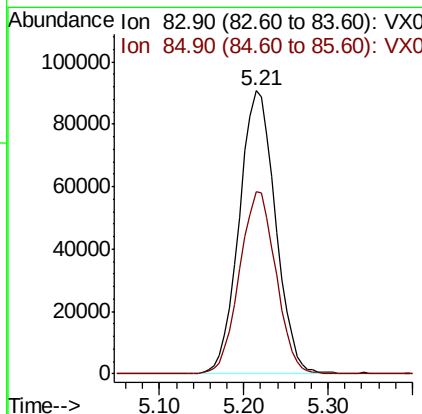
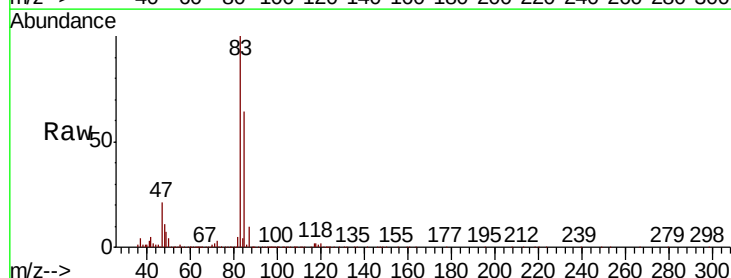
RT: 5.21 min Scan# 666

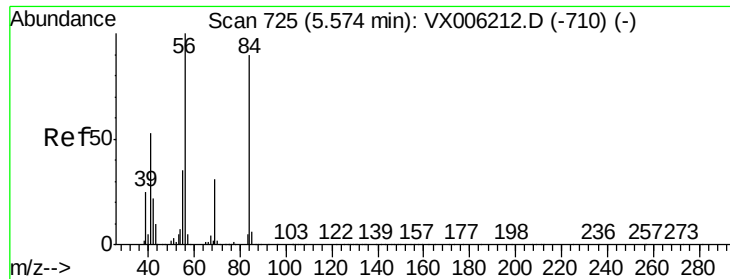
Delta R.T. 0.00 min

Lab File: VX006248.D

Acq: 03 Dec 2018 12:57

Tgt Ion:	83	Resp:	263664
Ion Ratio		Lower	Upper
83	100		
85	64.3	50.3	75.5





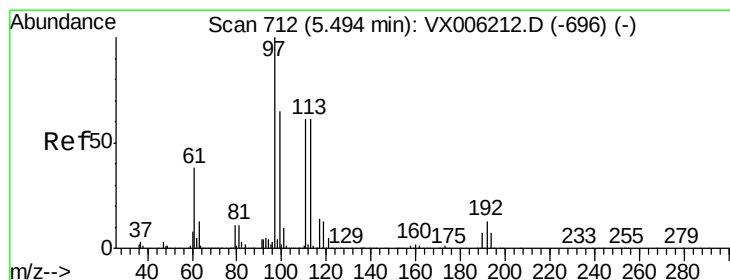
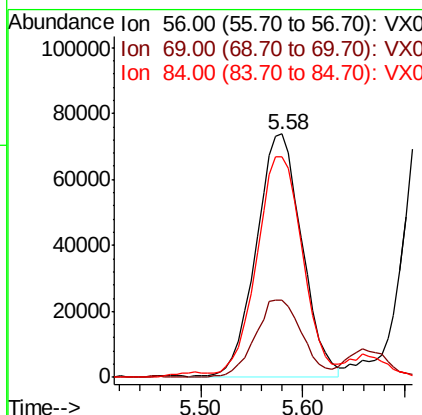
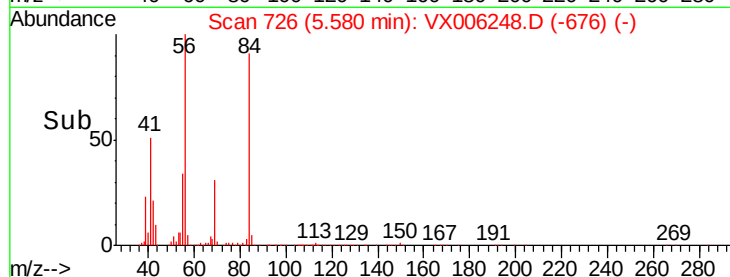
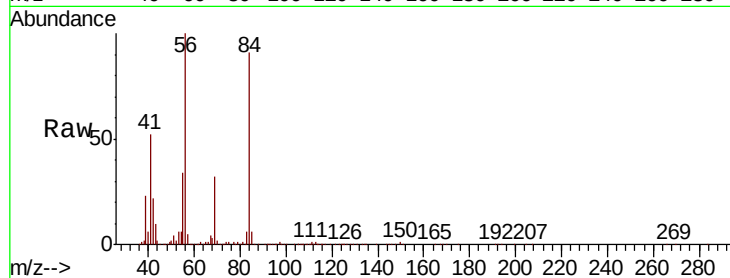
#31
Cyclohexane
Concen: 19.576 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	24.5	36.7
84	89.2	71.8	107.6

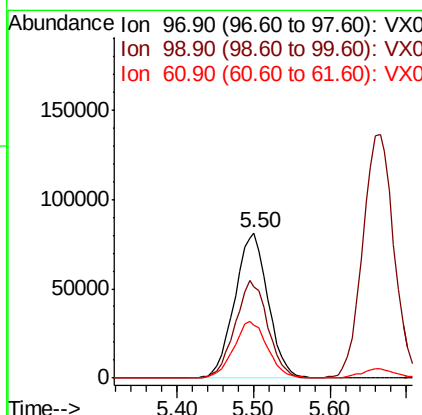
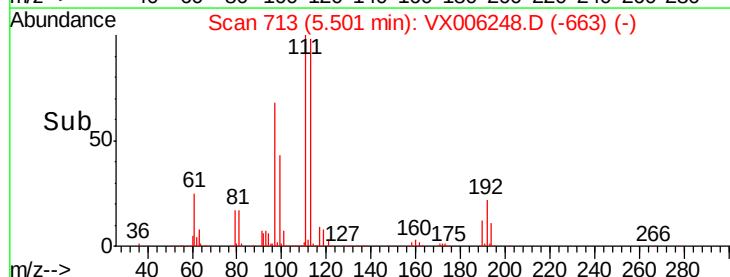
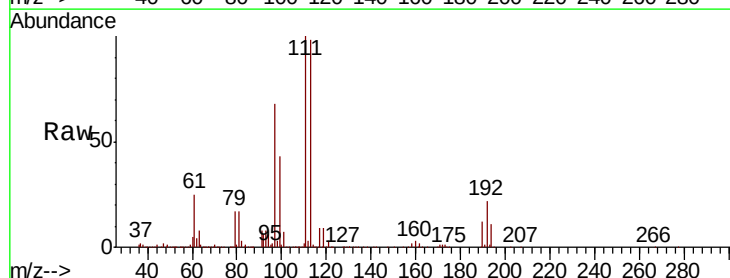
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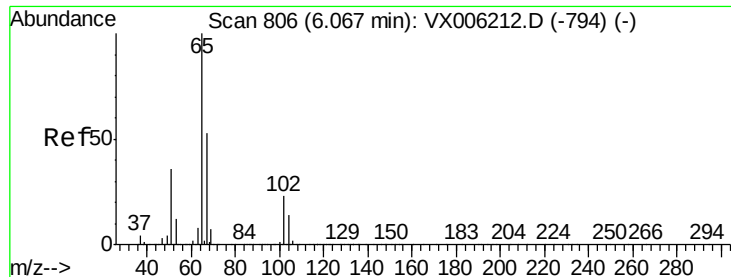
MMDadoda
12/4/2018 9:58:43 AM



#32
1,1,1-Trichloroethane
Concen: 19.460 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.0	51.6	77.4
61	39.0	30.6	46.0





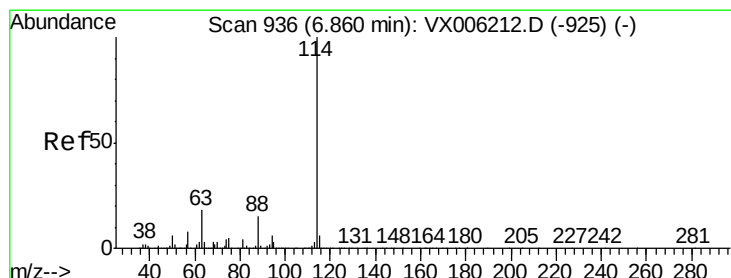
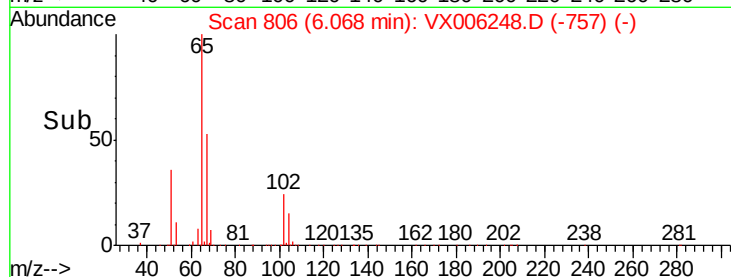
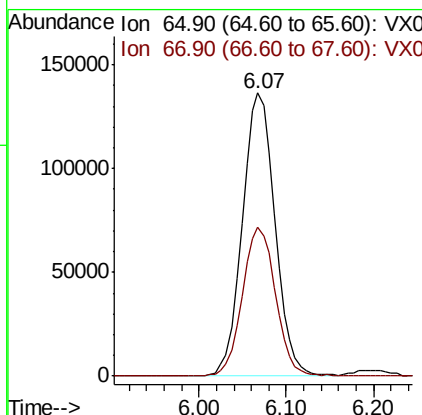
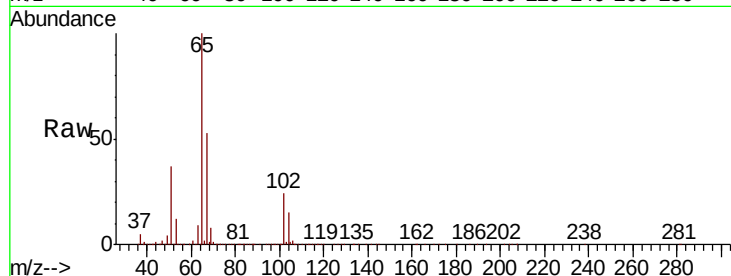
#33
 1,2-Dichloroethane-d4
 Concen: 43.865 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006248.D
 Acq: 03 Dec 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203MBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.2

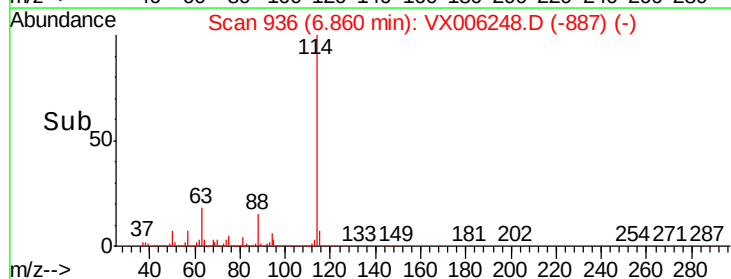
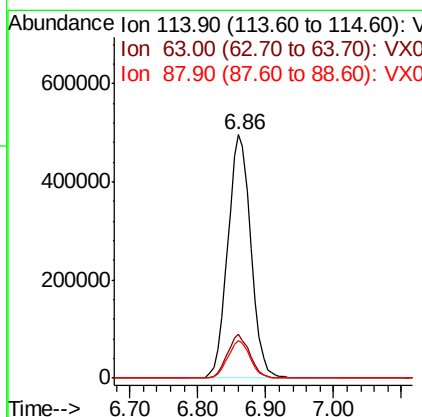
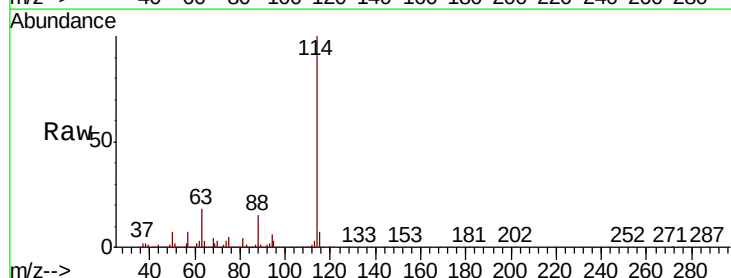
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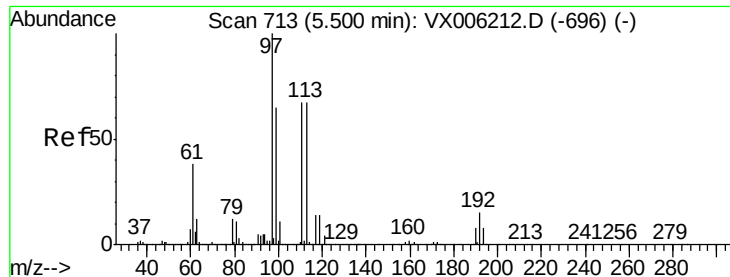
MMDadoda
 12/4/2018 9:58:43 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006248.D
 Acq: 03 Dec 2018 12:57

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	36.6
88	15.2	0.0	29.0





#35

Dibromofluoromethane

Concen: 44.729 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006248.D

Acq: 03 Dec 2018 12:57

Instrument :

MSVOA_X

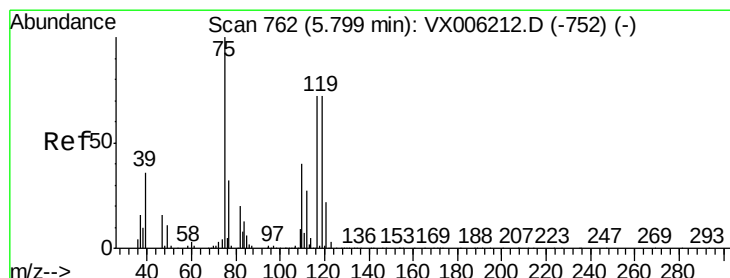
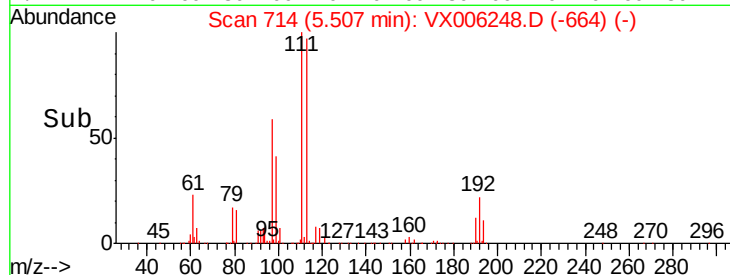
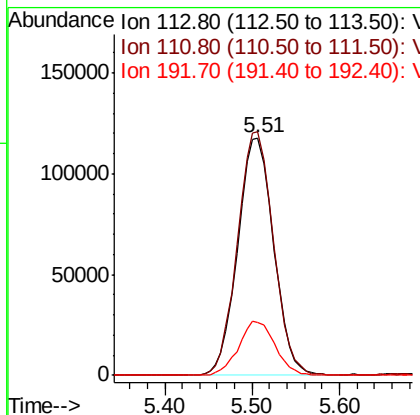
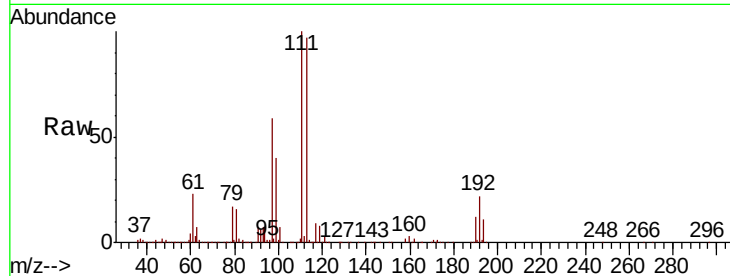
ClientSampleId :

VX1203MBS01

Tot Ion:	113	Resp:	337715
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.1	121.7
192	22.9	18.2	27.2

Manual Integrations
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12/4/2018 9:58:43 AM



#36

1,1-Dichloropropene

Concen: 19.499 ug/l

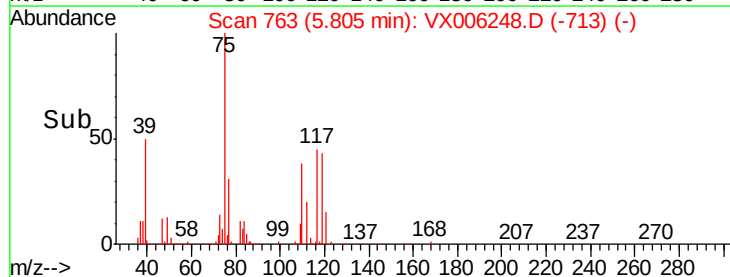
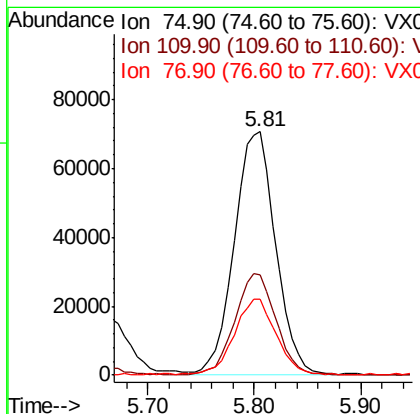
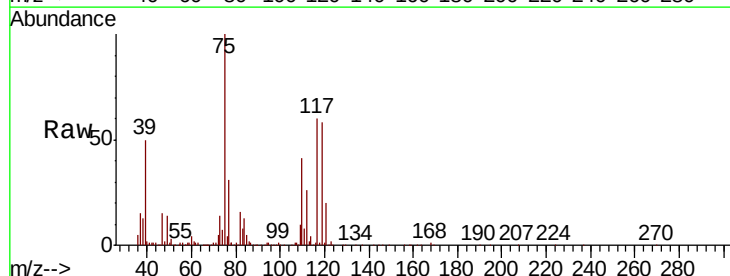
RT: 5.81 min Scan# 763

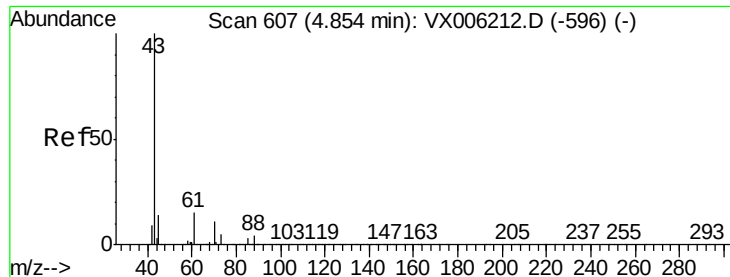
Delta R.T. 0.01 min

Lab File: VX006248.D

Acq: 03 Dec 2018 12:57

Tgt Ion:	75	Resp:	191477
Ion Ratio	Lower	Upper	
75	100		
110	41.4	20.4	61.3
77	30.7	24.9	37.3





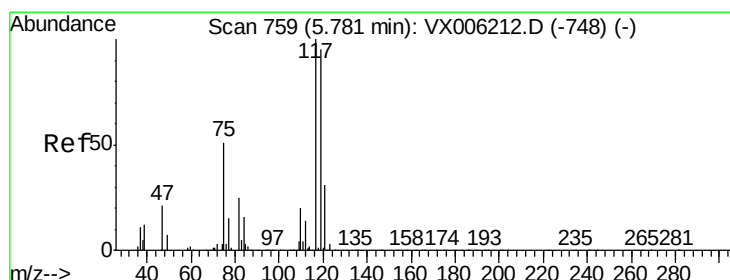
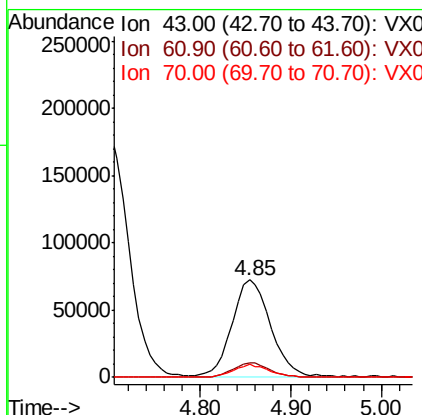
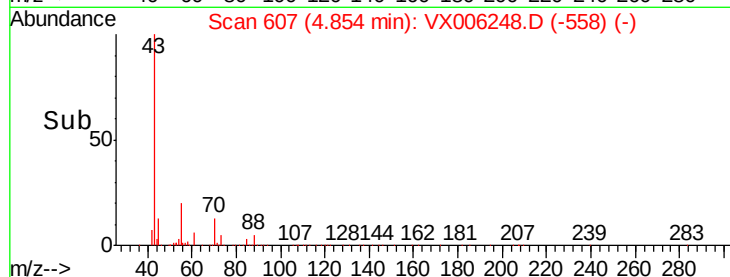
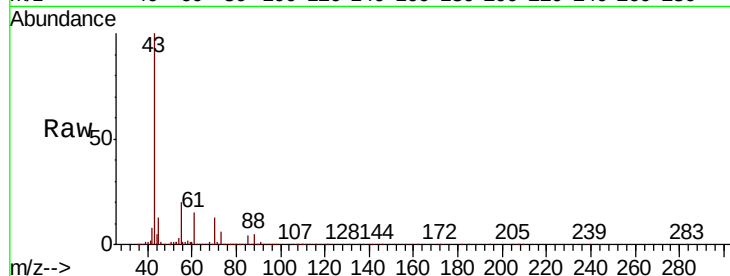
#37
Ethyl Acetate
Concen: 19.127 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

Tot Ion	43	Resp	210337
Ion Ratio	Lower	Upper	
43	100		
61	14.5	11.5	17.3
70	11.8	9.0	13.6

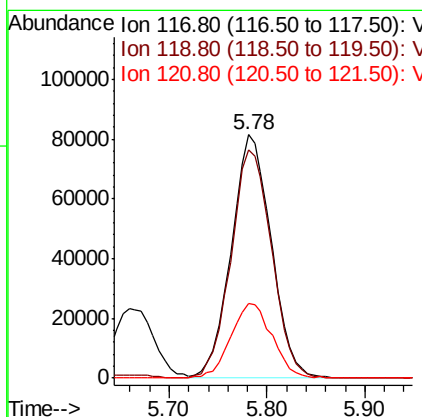
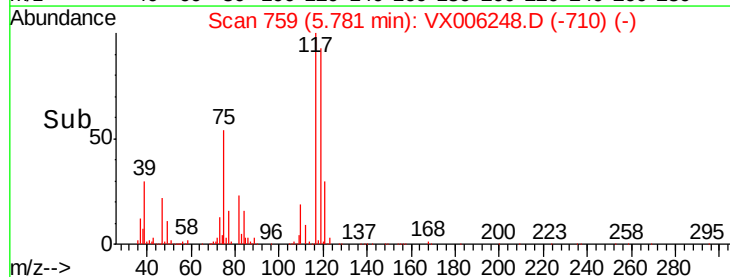
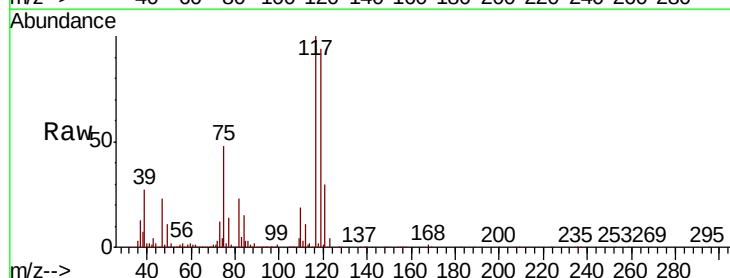
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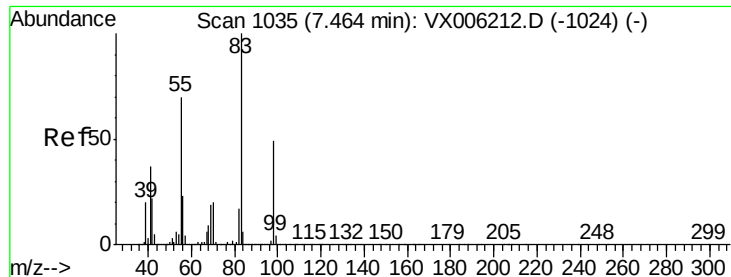
MMDadoda
12/4/2018 9:58:43 AM



#38
Carbon Tetrachloride
Concen: 19.893 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Tgt Ion	117	Resp	229813
Ion Ratio	Lower	Upper	
117	100		
119	93.6	75.8	113.8
121	30.3	24.6	37.0





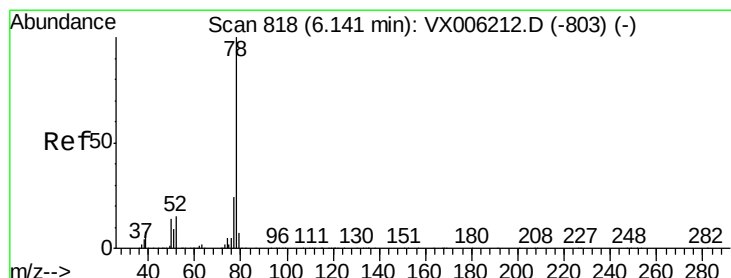
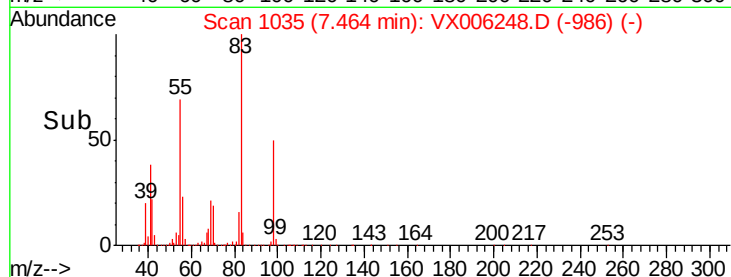
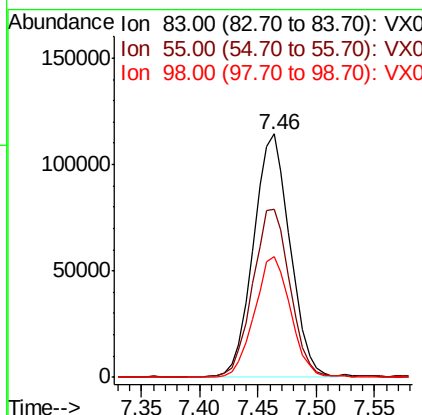
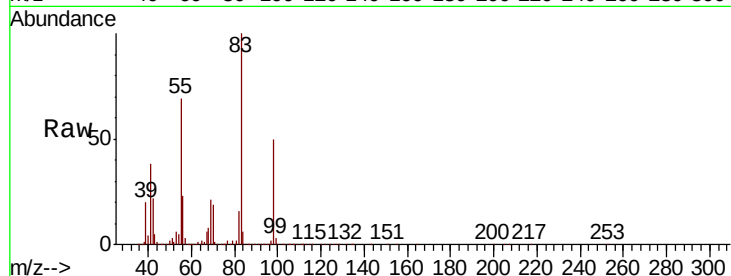
#39
Methylvlcyclohexane
Concen: 19.455 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.9	56.4	84.6
98	49.6	39.0	58.6

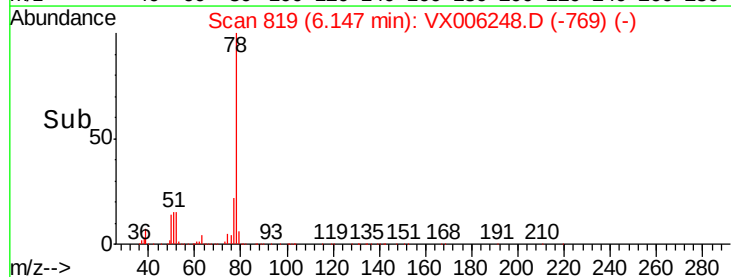
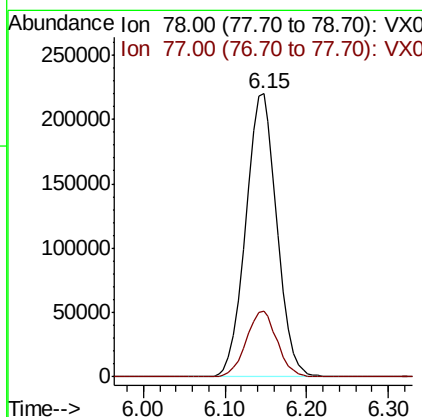
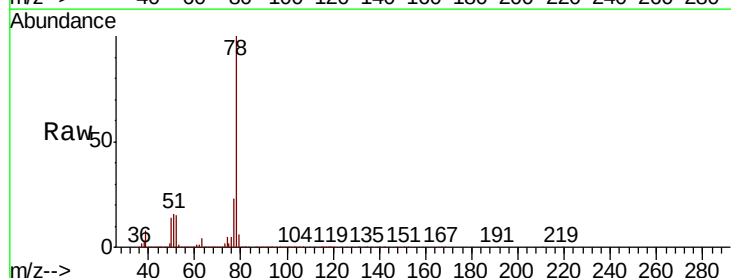
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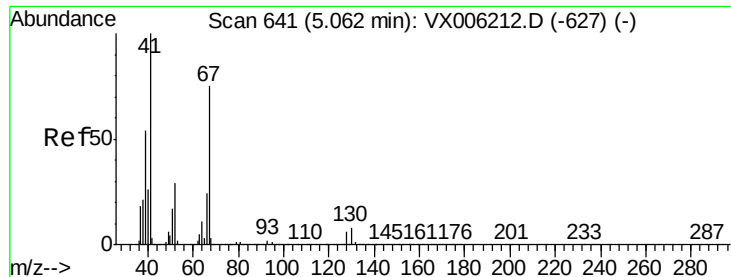
MMDadoda
12/4/2018 9:58:43 AM



#40
Benzene
Concen: 19.815 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.2	28.8





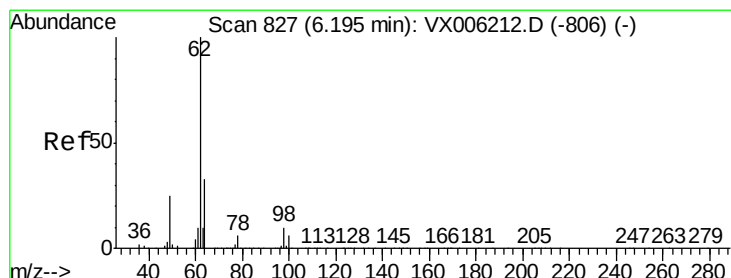
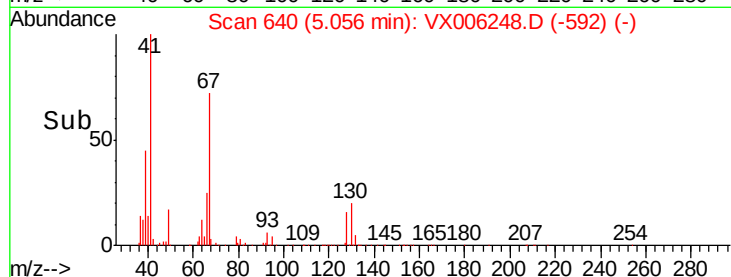
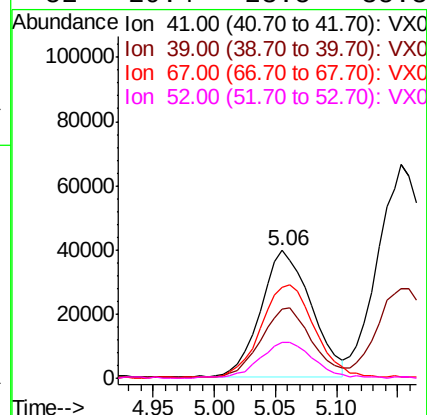
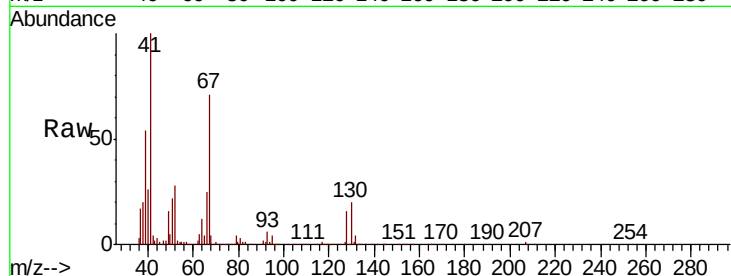
#41
Methacrylonitrile
Concen: 18.802 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		113773		
39	55.6	44.0	66.0		
67	78.3	61.4	92.0		
52	29.4	23.5	35.3		

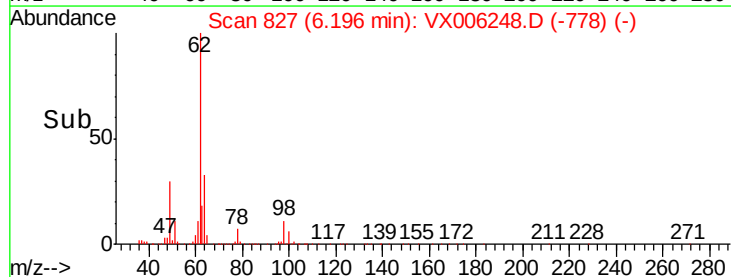
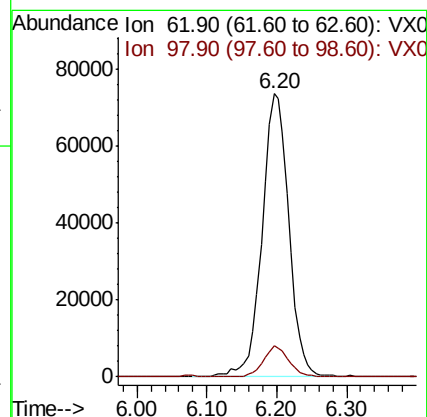
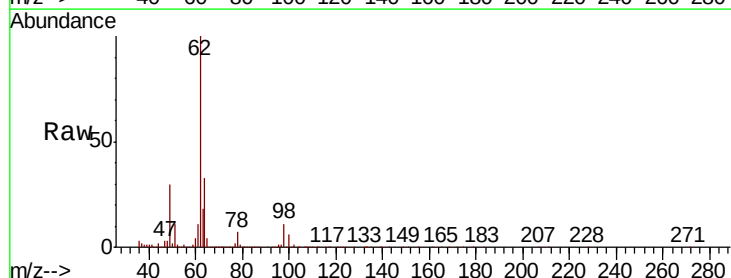
Manual Integrations
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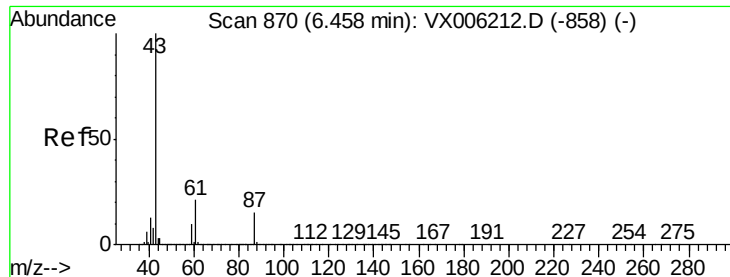
MMDadoda
12/4/2018 9:58:43 AM



#42
1,2-Dichloroethane
Concen: 20.048 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		192981		
98	10.0	0.0	20.2		





#43

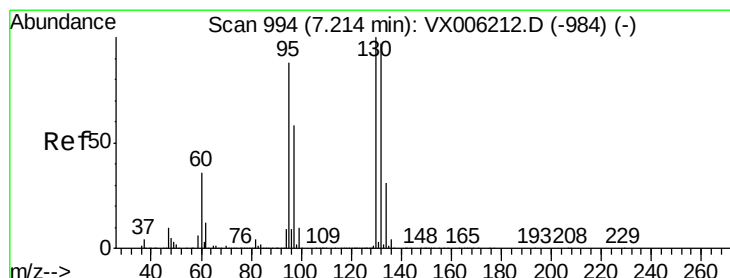
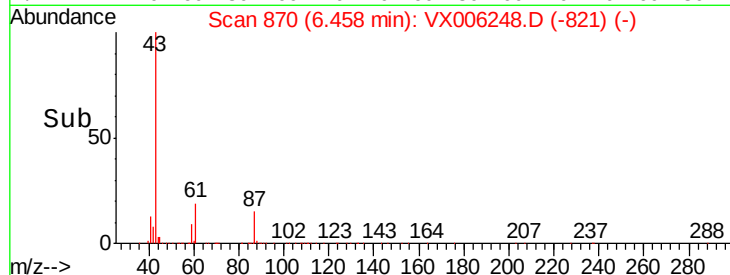
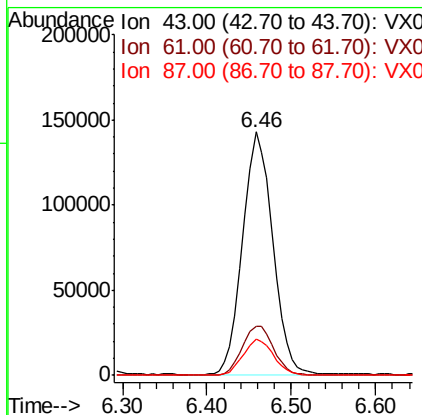
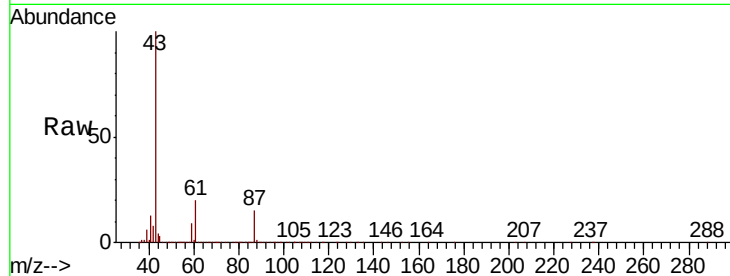
Isopropyl Acetate
 Concen: 18.859 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006248.D
 Acq: 03 Dec 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.2	16.8	25.2
87	15.2	11.9	17.9

Manual Integrations
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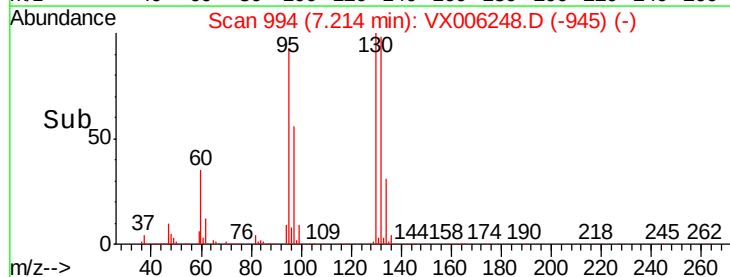
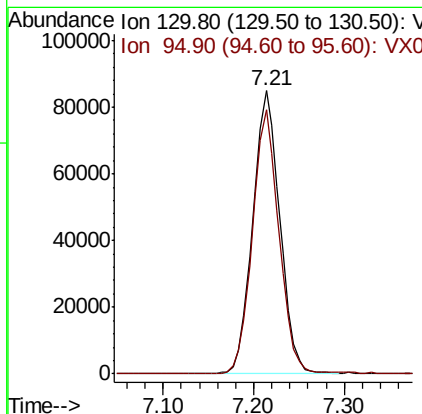
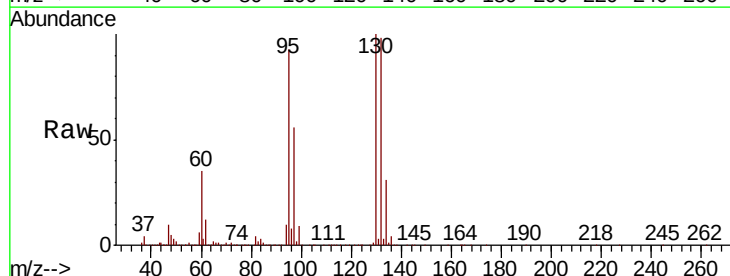
MMDadoda
 12/4/2018 9:58:43 AM

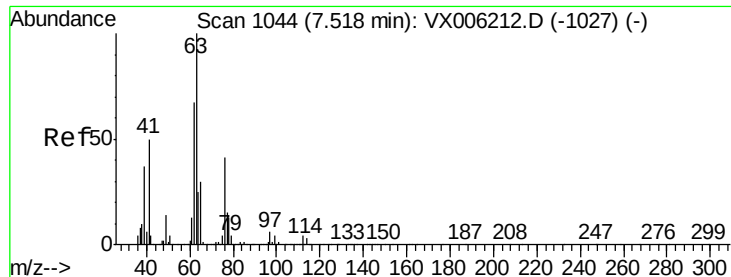


#44

Trichloroethene
 Concen: 19.707 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006248.D
 Acq: 03 Dec 2018 12:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	175.8





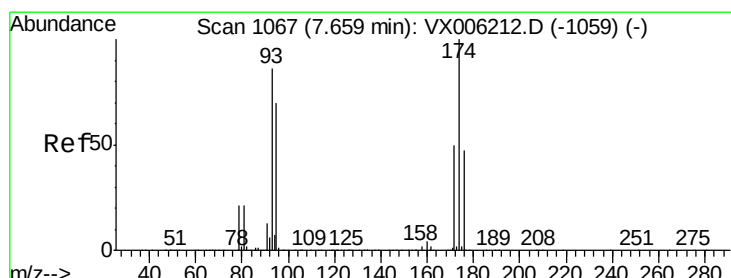
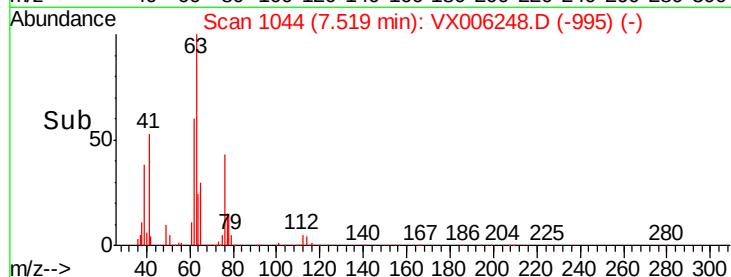
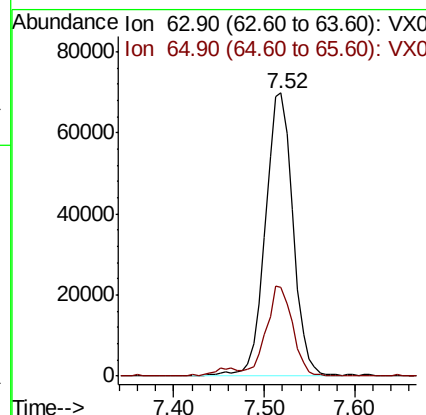
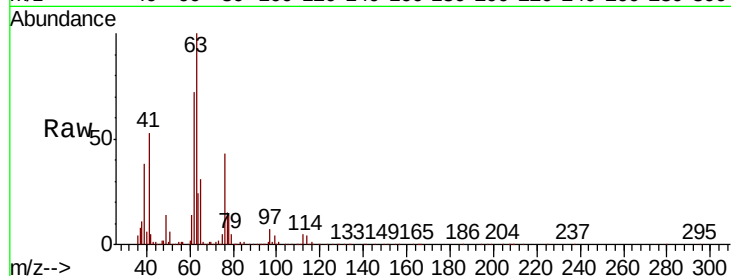
#45
 1,2-Dichloropropane
 Concen: 19.623 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX006248.D
 Acq: 03 Dec 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203MBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.3	36.5

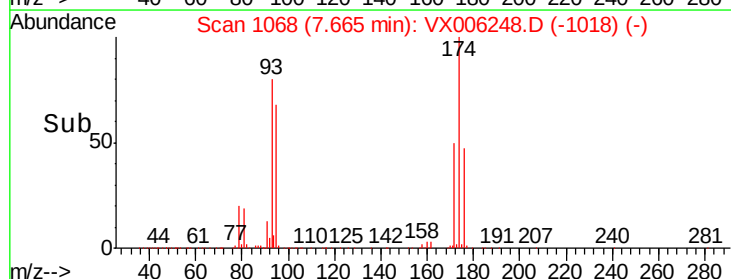
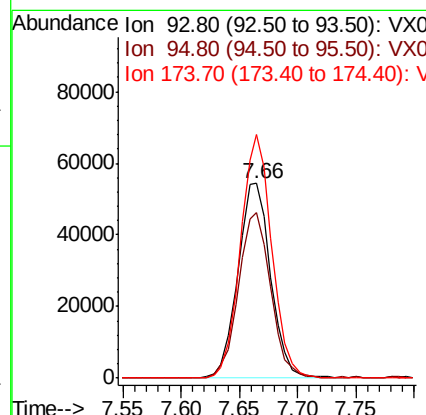
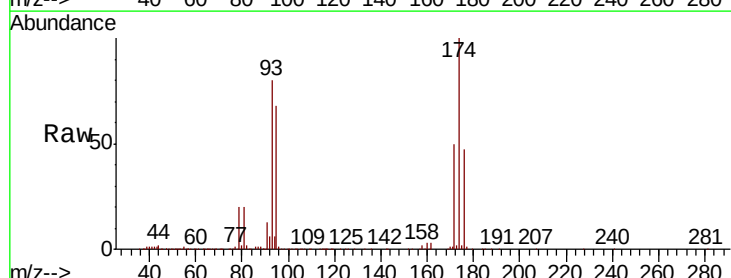
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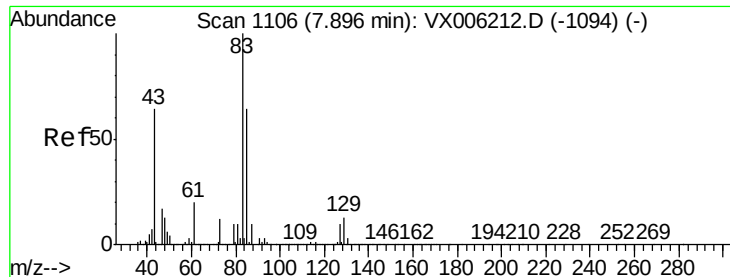
MMDadoda
 12/4/2018 9:58:43 AM



#46
 Dibromomethane
 Concen: 19.767 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006248.D
 Acq: 03 Dec 2018 12:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	66.2	99.4
174	119.1	97.2	145.8





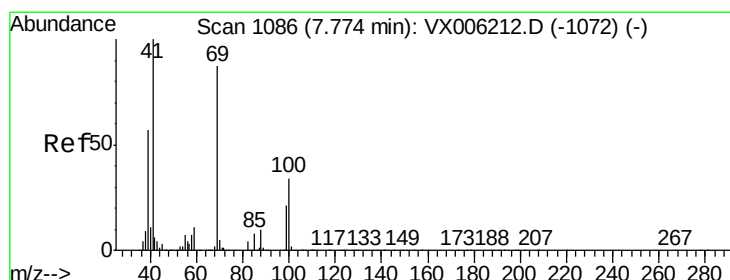
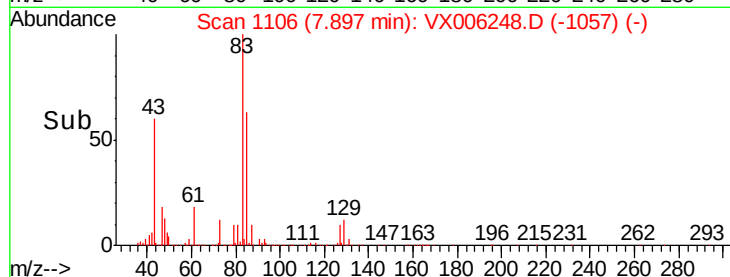
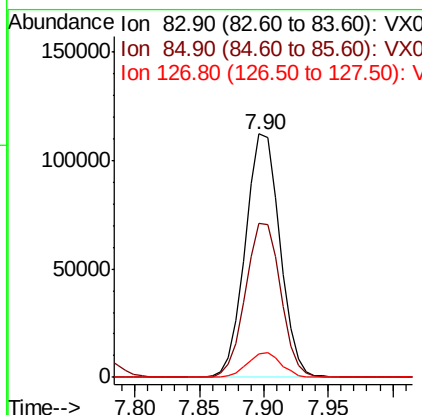
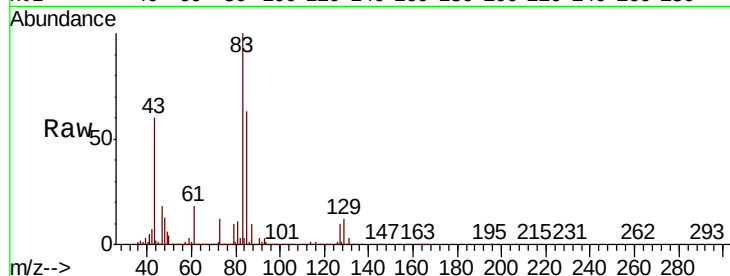
#47
Bromodichloromethane
Concen: 19.827 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

Tot Ion	83	Resp	207281
Ion Ratio	Lower	Upper	
83	100		
85	63.1	51.4	77.0
127	9.9	7.9	11.9

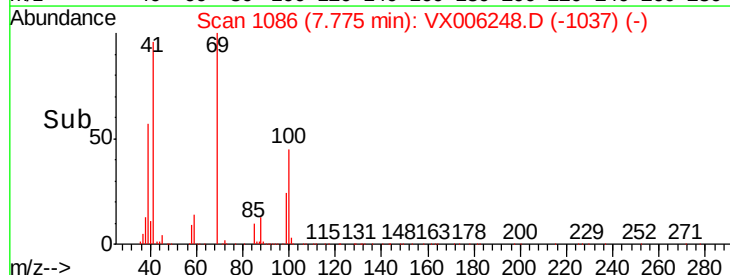
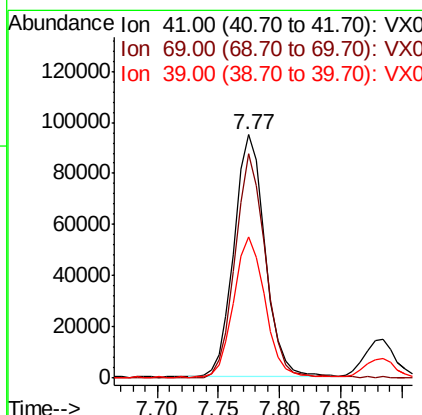
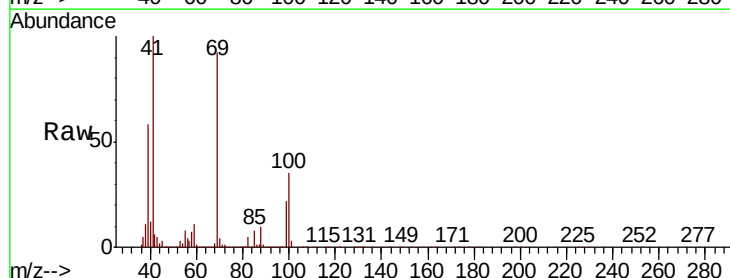
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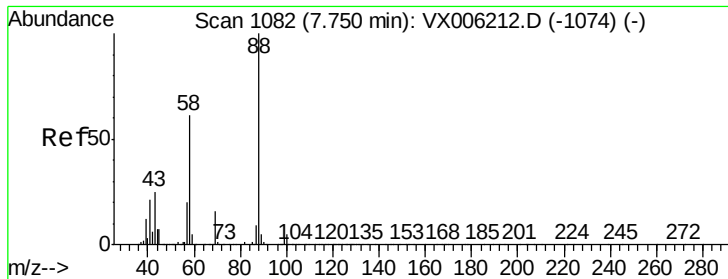
MMDadoda
12/4/2018 9:58:43 AM



#48
Methyl methacrylate
Concen: 18.727 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Tgt Ion	41	Resp	167044
Ion Ratio	Lower	Upper	
41	100		
69	90.2	70.3	105.5
39	58.2	45.3	67.9





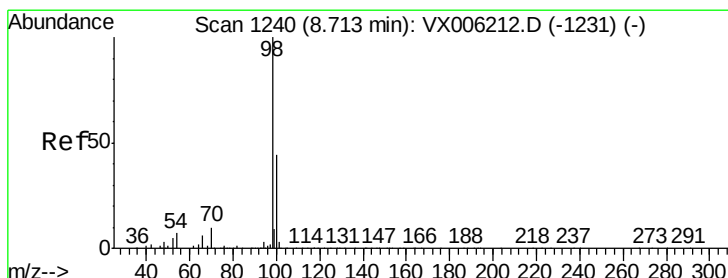
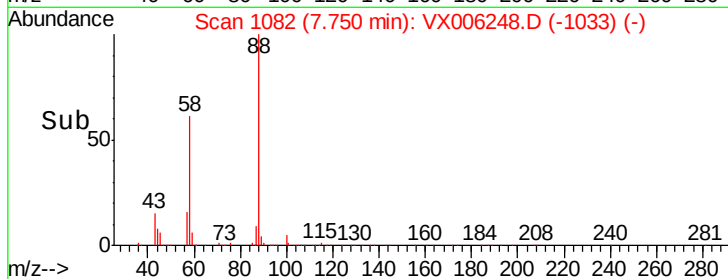
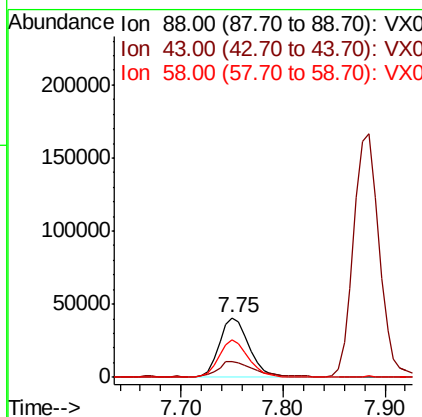
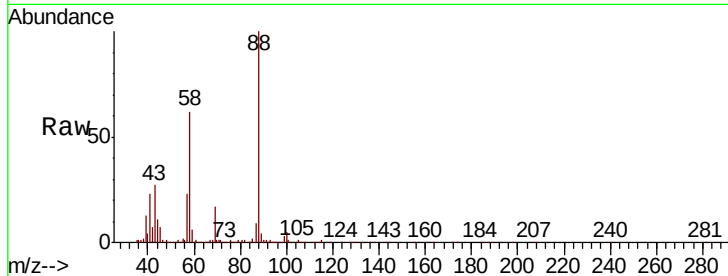
#49
1,4-Dioxane
Concen: 374.858 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.3	23.2	34.8
58	63.0	51.4	77.0

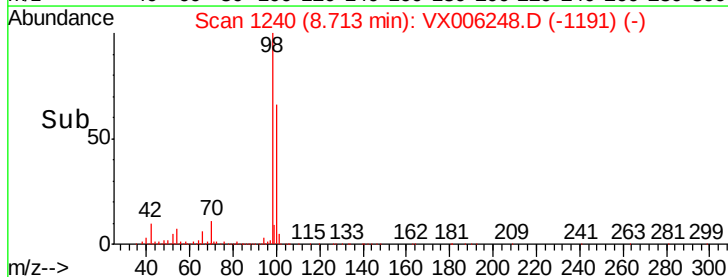
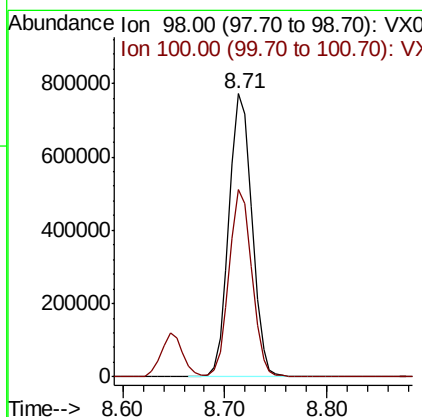
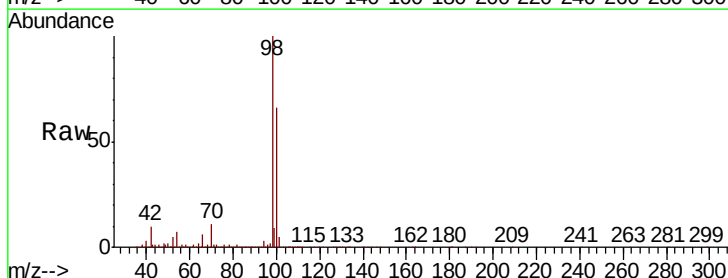
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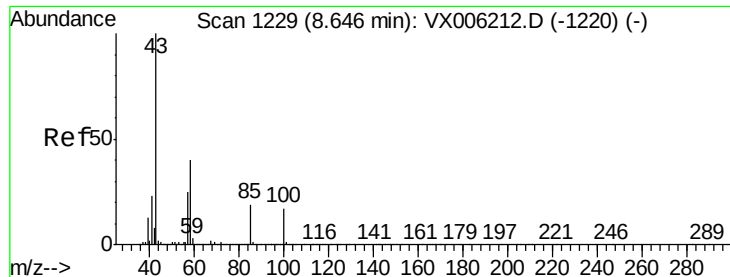
MMDadoda
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#50
Toluene-d8
Concen: 43.888 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 96.042 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006248.D

Acq: 03 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

Tot Ion: 43 Resp: 1025130

Ion Ratio Lower Upper

43 100

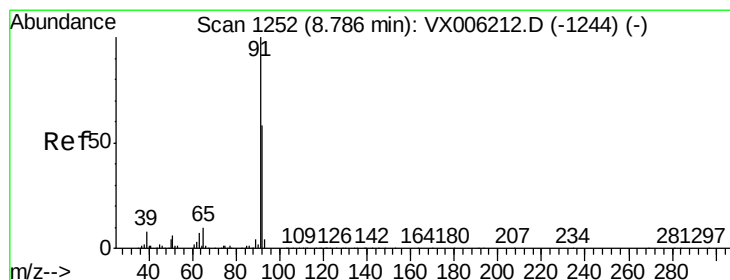
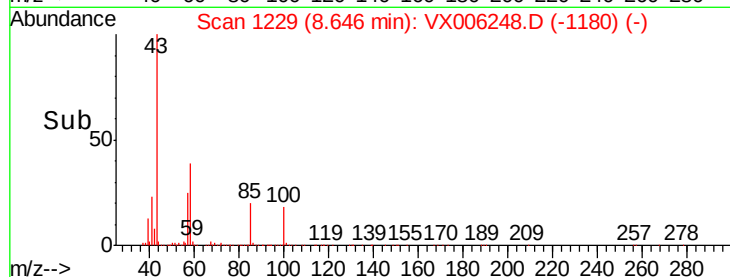
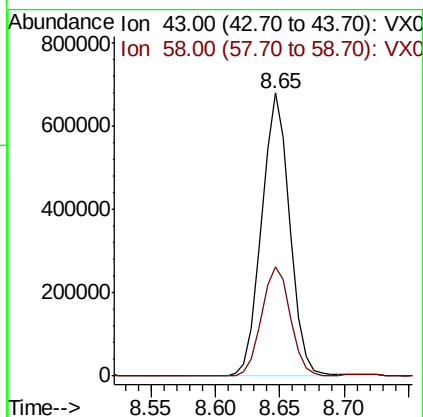
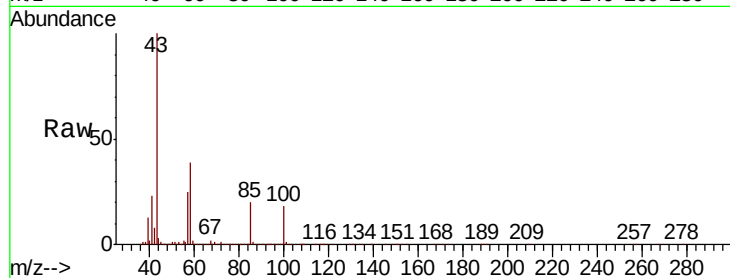
58 39.7 31.3 46.9

Manual Integrations

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#52

Toluene

Concen: 19.377 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006248.D

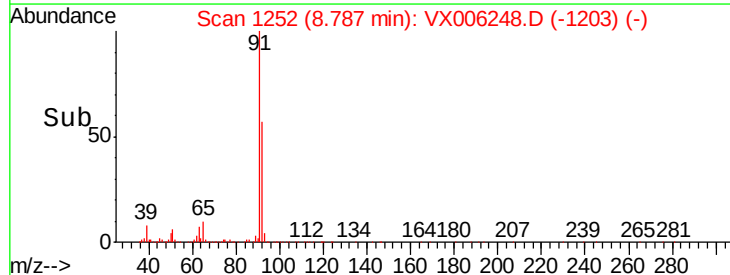
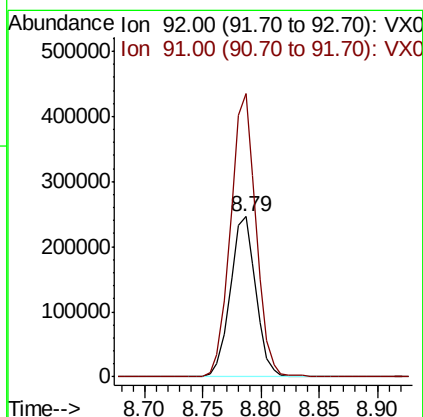
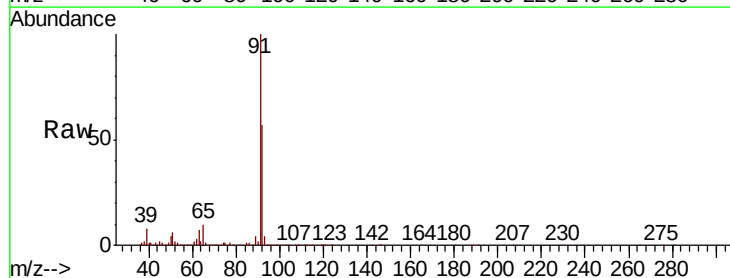
Acq: 03 Dec 2018 12:57

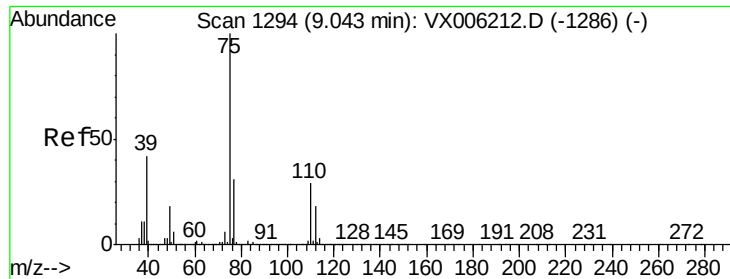
Tgt Ion: 92 Resp: 374931

Ion Ratio Lower Upper

92 100

91 176.5 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 19.213 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006248.D

Acq: 03 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

Tot Ion: 75 Resp: 234906

Ion Ratio Lower Upper

75 100

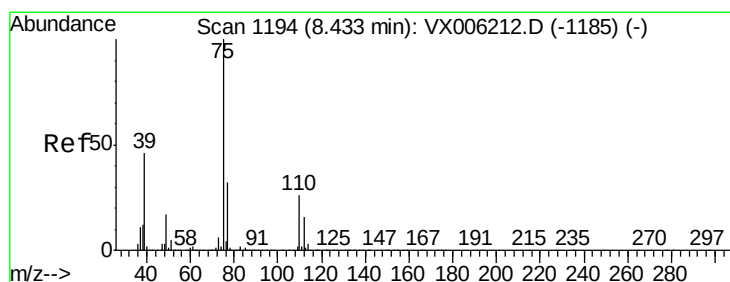
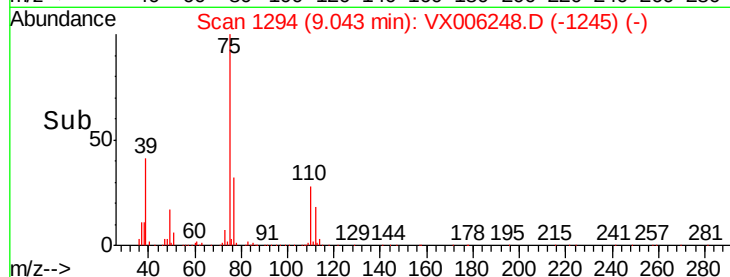
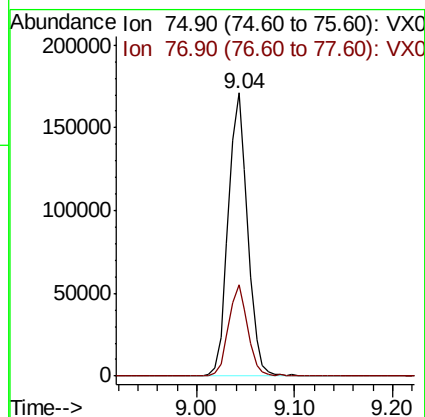
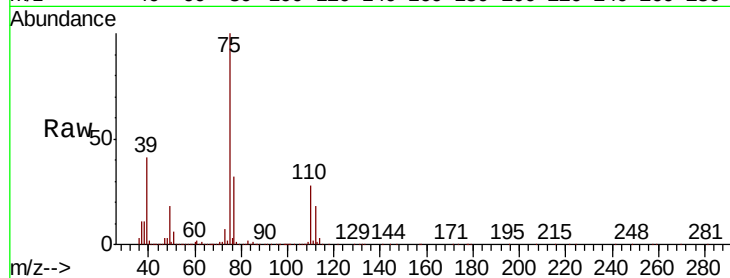
77 32.2 25.0 37.4

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#54

cis-1,3-Dichloropropene

Concen: 19.643 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006248.D

Acq: 03 Dec 2018 12:57

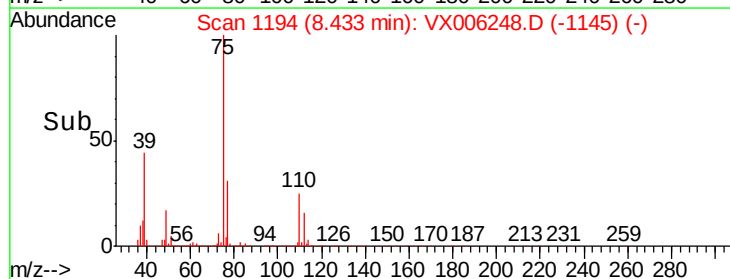
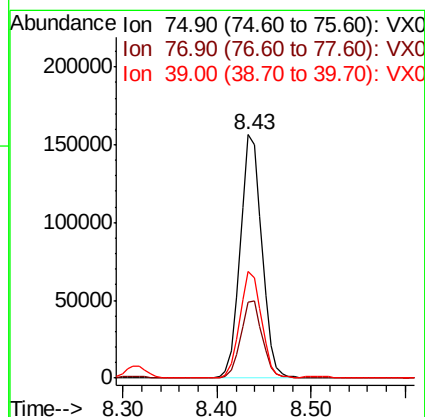
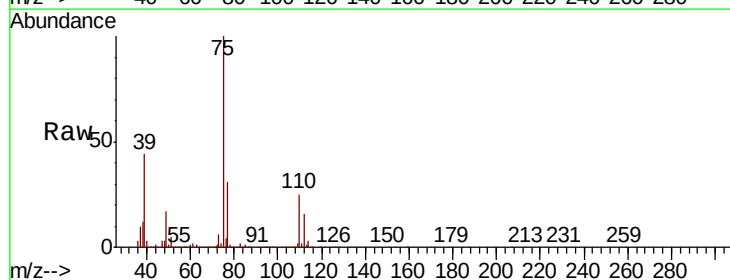
Tgt Ion: 75 Resp: 249390

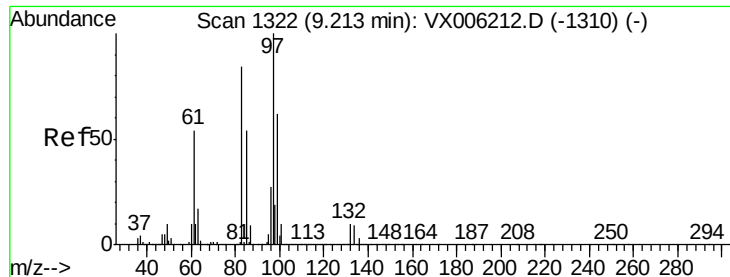
Ion Ratio Lower Upper

75 100

77 31.2 25.6 38.4

39 43.5 36.5 54.7





#55

1,1,2-Trichloroethane

Concen: 20.105 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006248.D

Acq: 03 Dec 2018 12:57

Instrument :

MSVOA_X

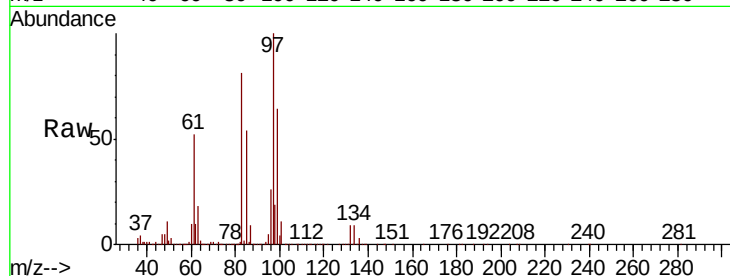
ClientSampleId :

VX1203MBS01

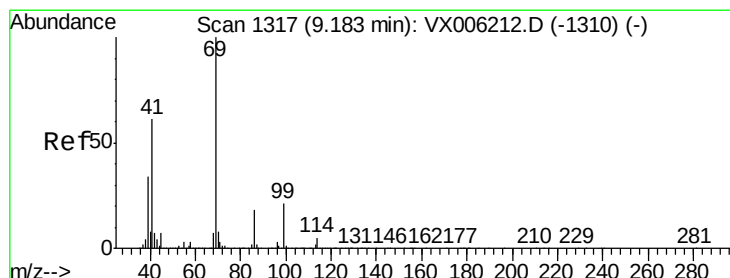
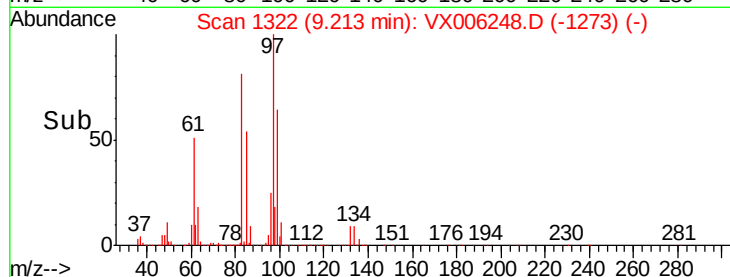
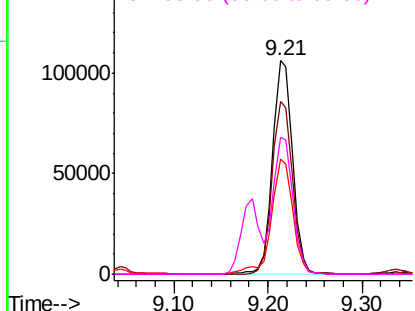
Tot Ion:	97	Resp:	158046
Ion	Ratio	Lower	Upper
97	100		
83	80.9	67.1	100.7
85	53.7	43.2	64.8
99	64.0	49.8	74.6

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Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.374 ug/l

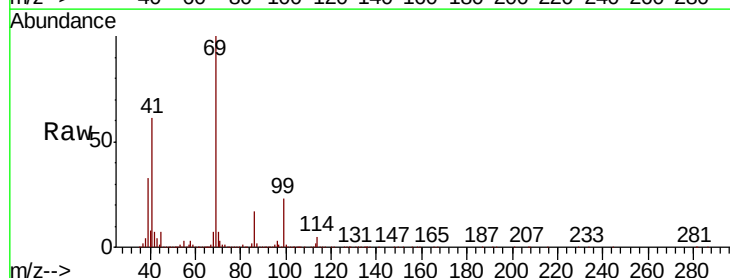
RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

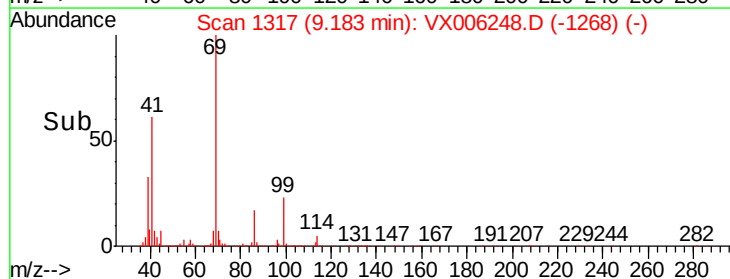
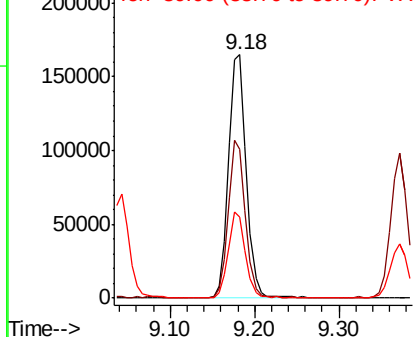
Lab File: VX006248.D

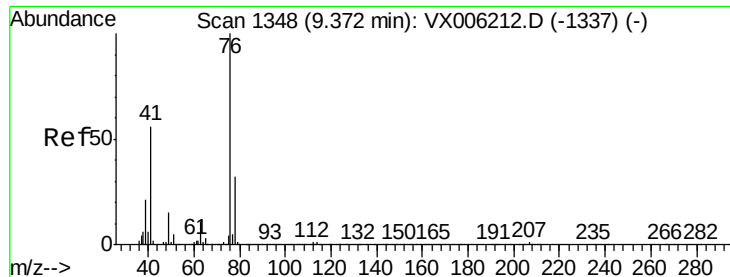
Acq: 03 Dec 2018 12:57

Tgt Ion:	69	Resp:	238095
Ion	Ratio	Lower	Upper
69	100		
41	61.6	50.6	76.0
39	33.8	27.6	41.4



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





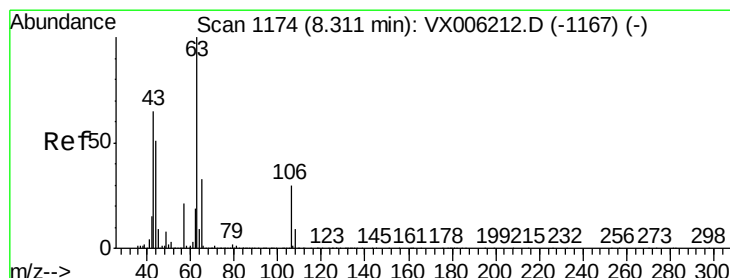
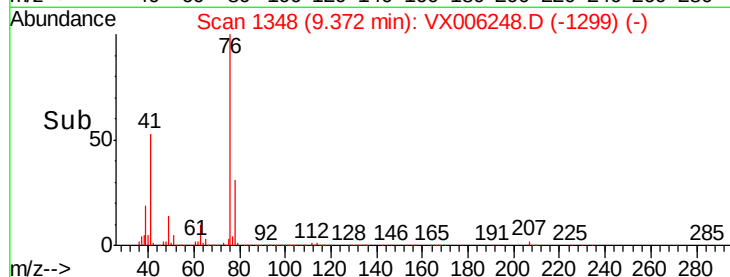
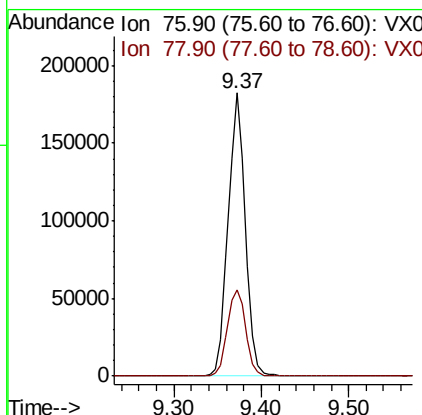
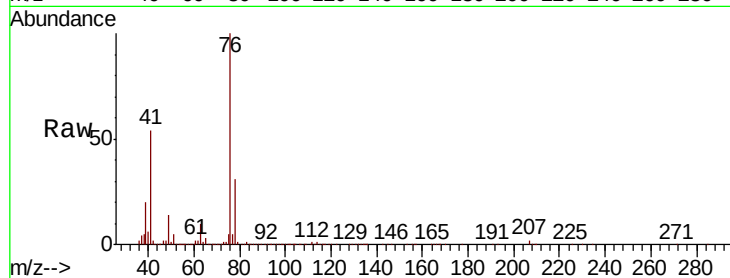
#57
 1,3-Dichloropropane
 Concen: 19.970 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006248.D
 Acq: 03 Dec 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.1	39.1

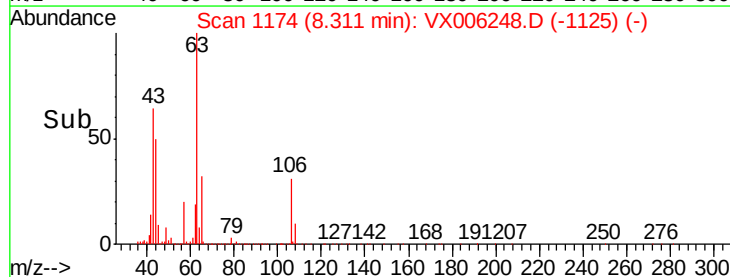
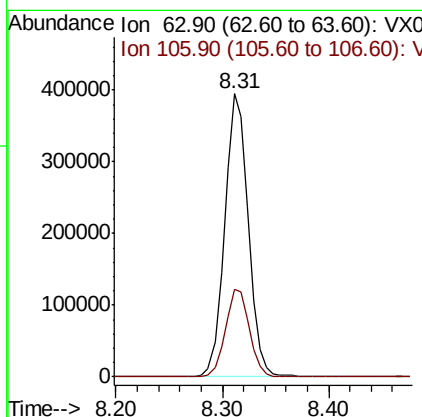
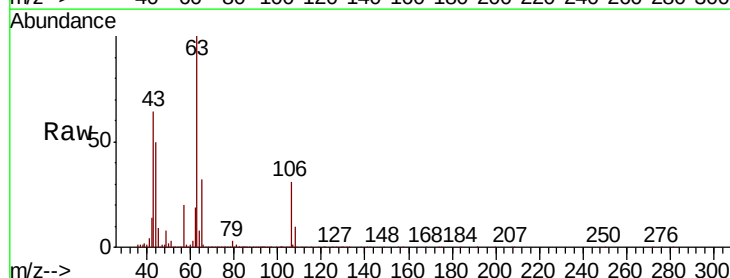
Manual Integrations
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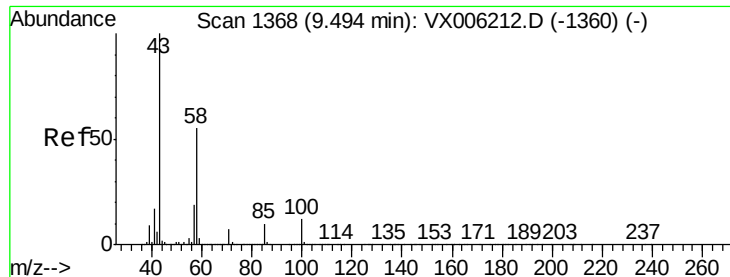
MMDadoda
 12/4/2018 9:58:43 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.571 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006248.D
 Acq: 03 Dec 2018 12:57

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.7	24.9	37.3





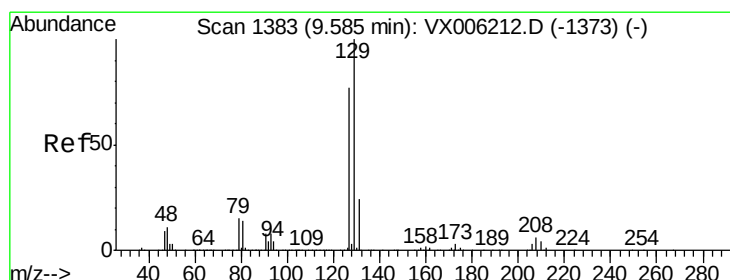
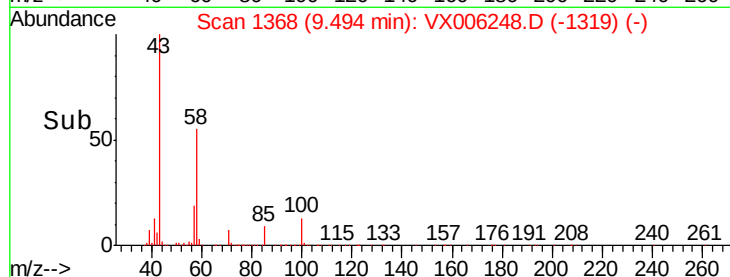
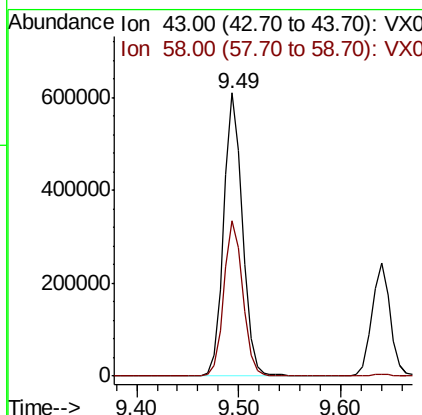
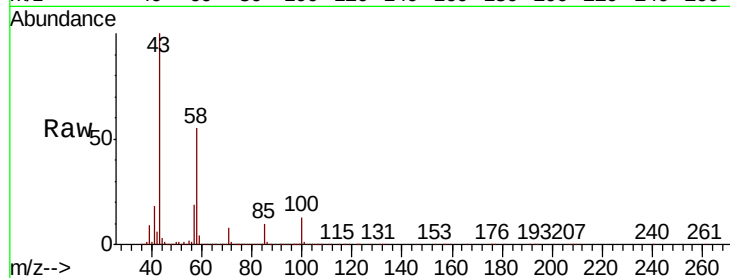
#59
2-Hexanone
Concen: 95.765 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.4	27.7	83.1

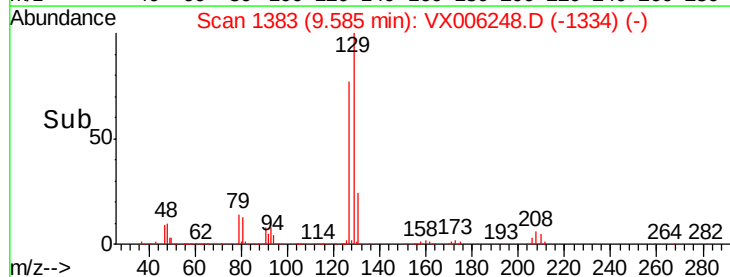
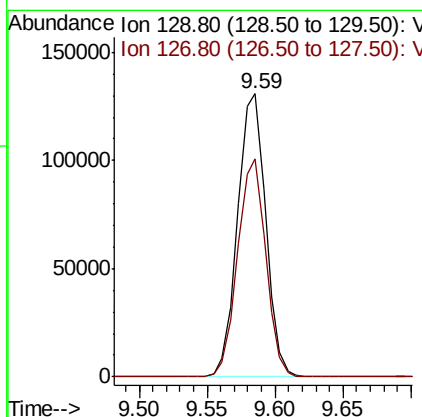
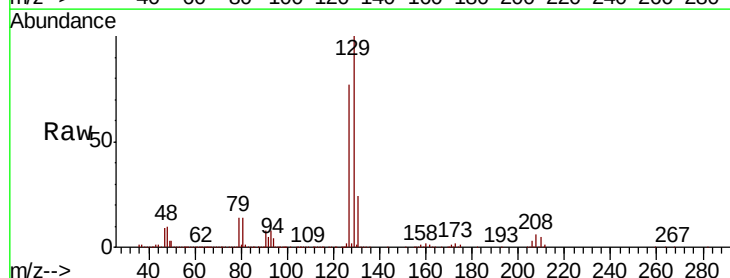
Manual Integrations
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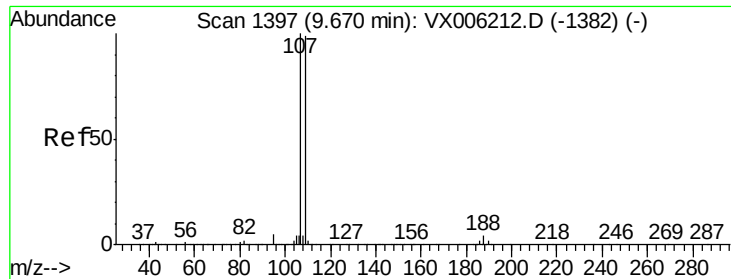
MMDadoda
12/4/2018 9:58:43 AM



#60
Dibromochloromethane
Concen: 19.544 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.6	115.8





#61

1,2-Dibromoethane

Concen: 19.564 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006248.D

Acq: 03 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

Tot Ion: 107 Resp: 171959

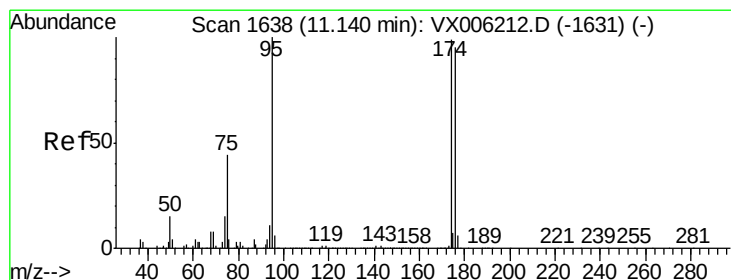
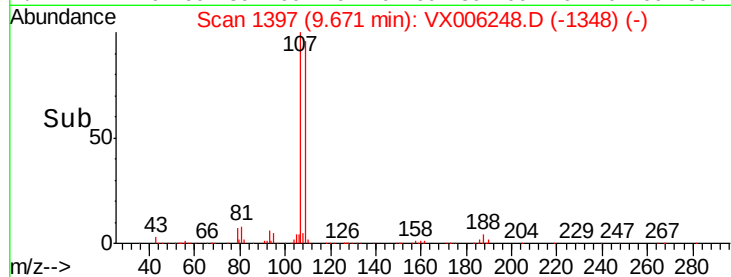
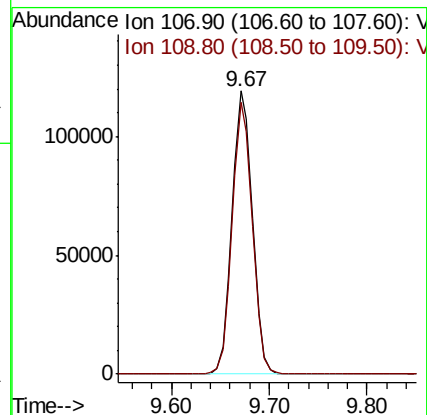
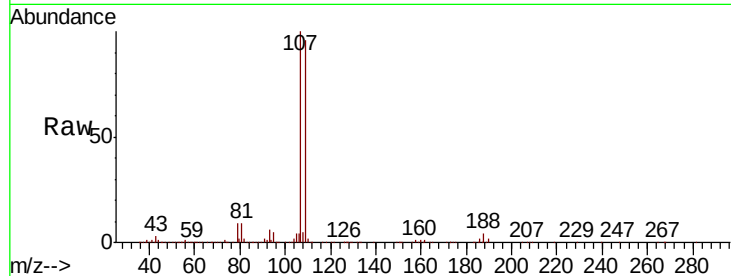
Ion Ratio Lower Upper

107 100

109 95.6 76.3 114.5

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#62

4-Bromofluorobenzene

Concen: 43.225 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006248.D

Acq: 03 Dec 2018 12:57

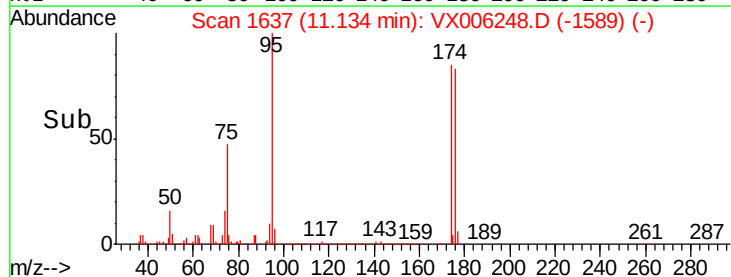
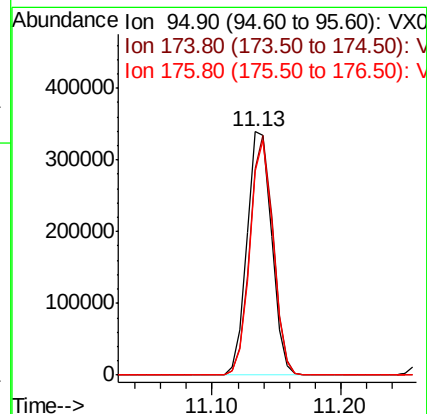
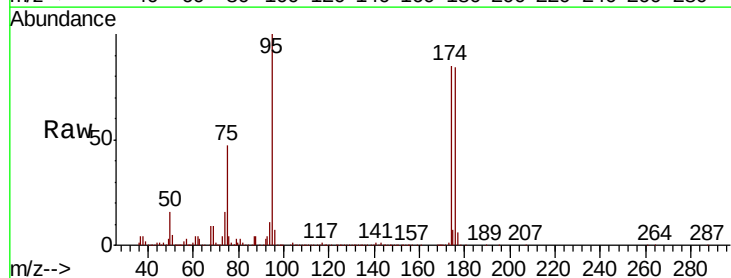
Tgt Ion: 95 Resp: 447334

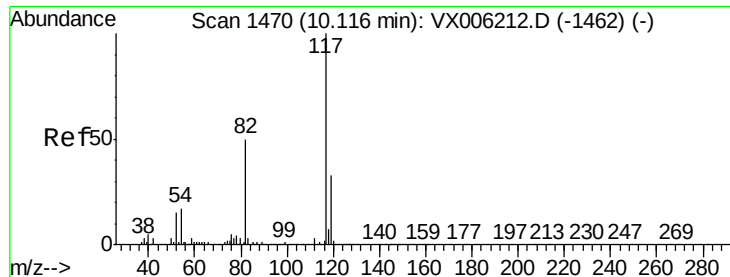
Ion Ratio Lower Upper

95 100

174 92.7 0.0 187.0

176 90.6 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: VX006248.D

Acq: 03 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampled :

VX1203MBS01

Tot Ion:117 Resp: 1040110

Ion Ratio Lower Upper

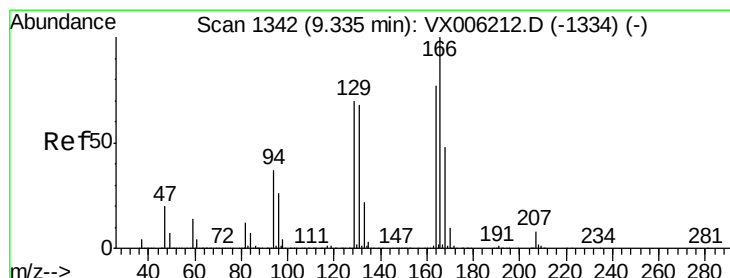
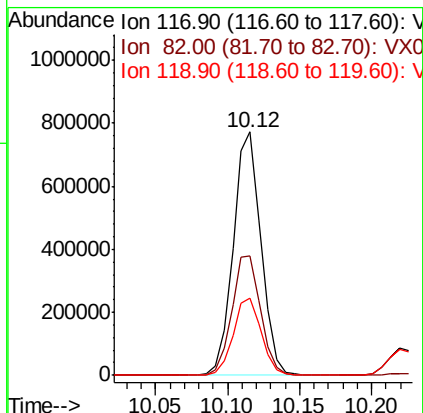
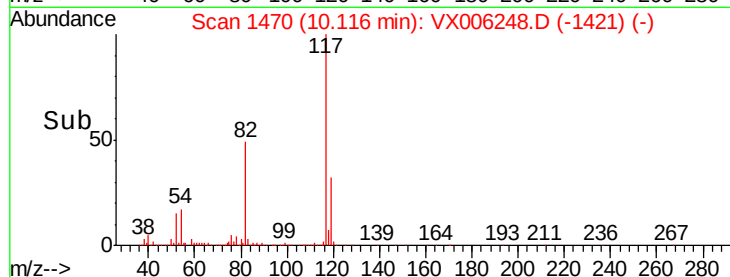
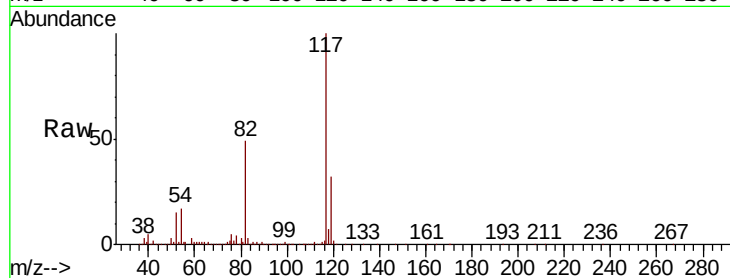
117 100

82 49.3 39.6 59.4

119 31.7 26.3 39.5

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#64

Tetrachloroethene

Concen: 20.868 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006248.D

Acq: 03 Dec 2018 12:57

Tgt Ion:164 Resp: 163456

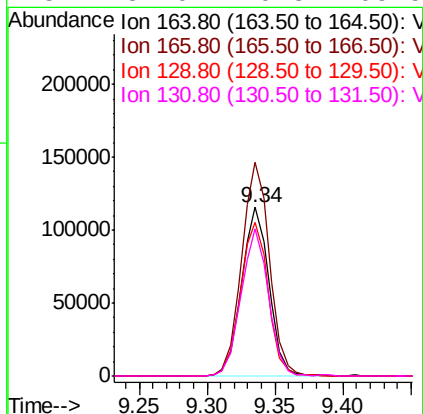
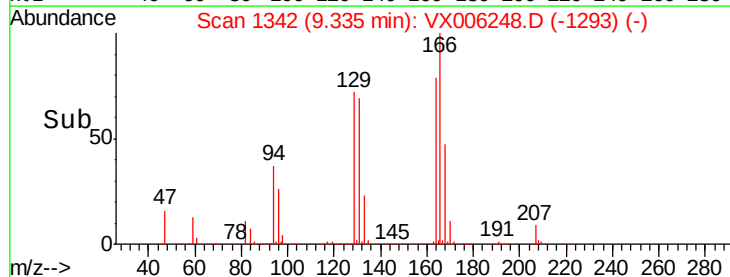
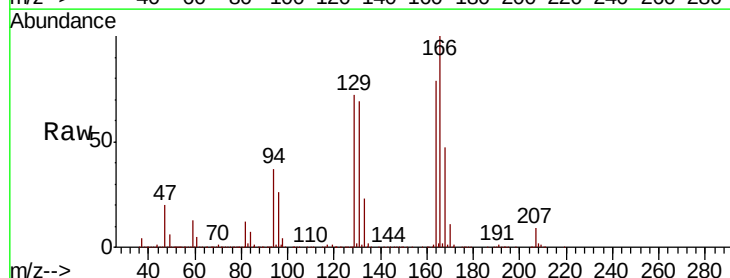
Ion Ratio Lower Upper

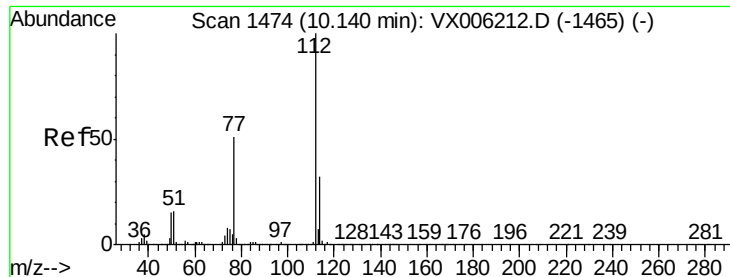
164 100

166 126.4 104.2 156.2

129 90.6 72.6 108.8

131 87.0 70.3 105.5





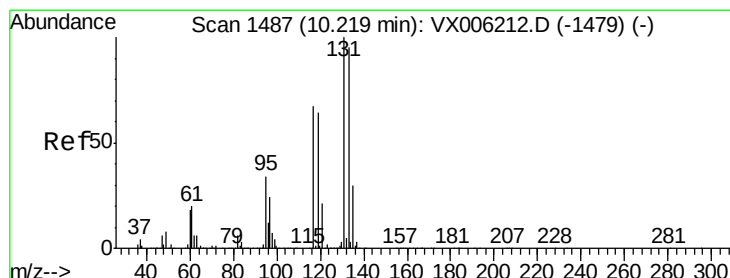
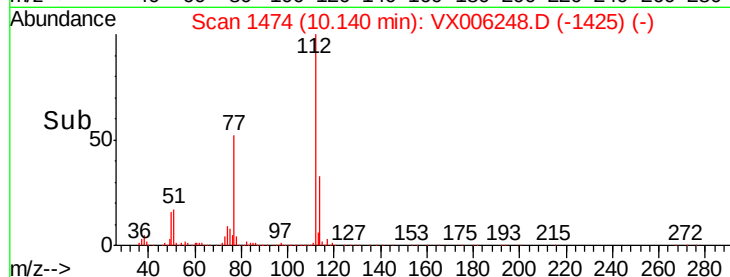
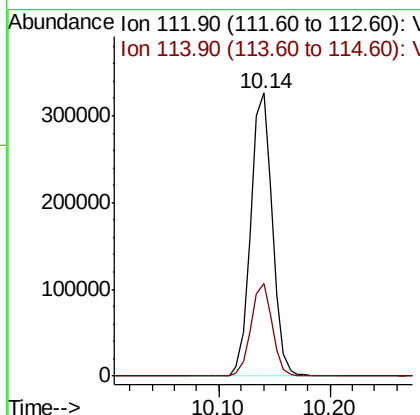
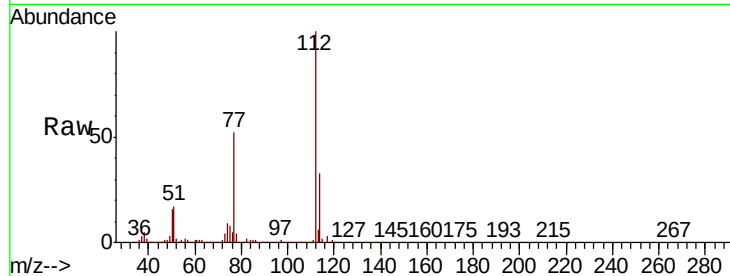
#65
Chlorobenzene
Concen: 19.875 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.9	25.4	38.2

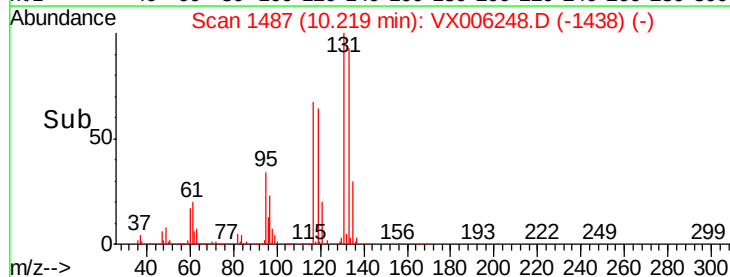
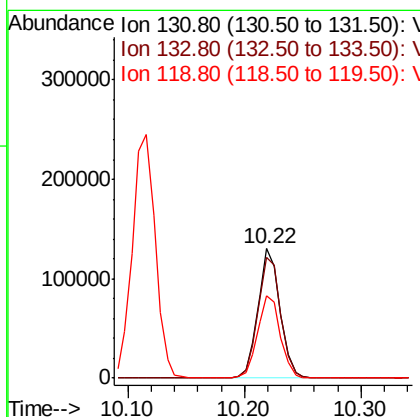
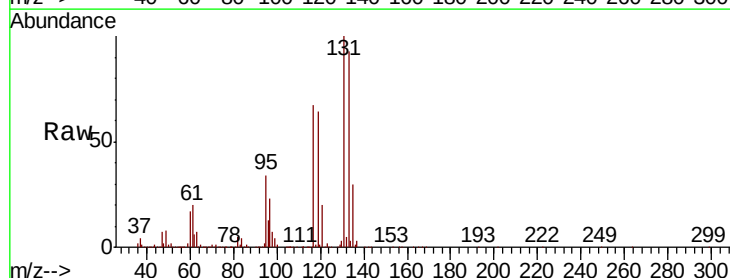
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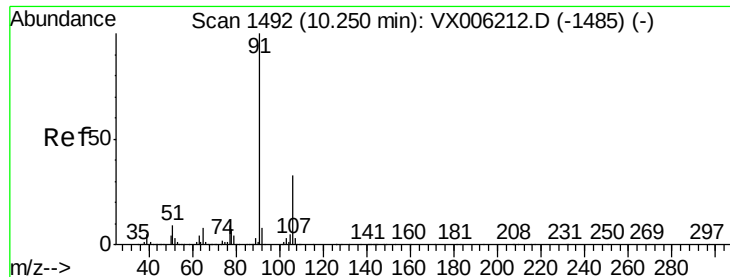
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.014 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.4	48.1	144.4
119	65.5	32.1	96.3





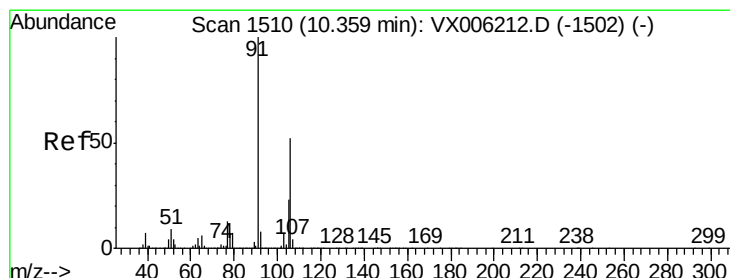
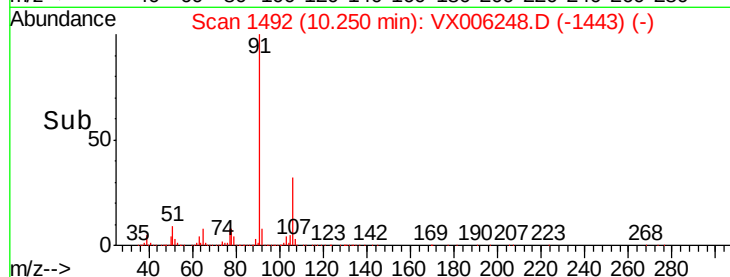
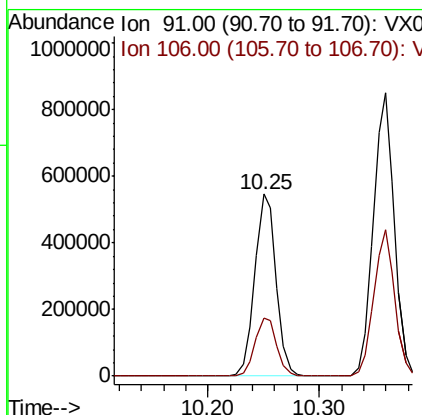
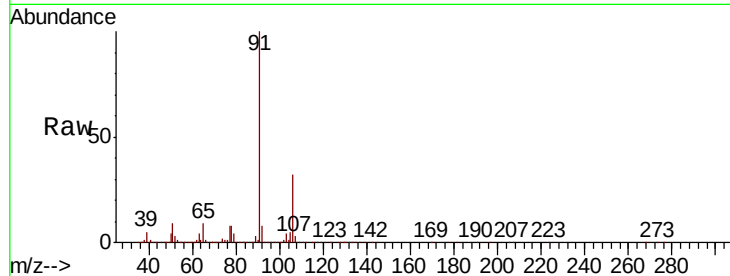
#67
Ethyl Benzene
Concen: 19.771 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

Tot Ion: 91 Resp: 726035
Ion Ratio Lower Upper
91 100
106 32.1 26.5 39.7

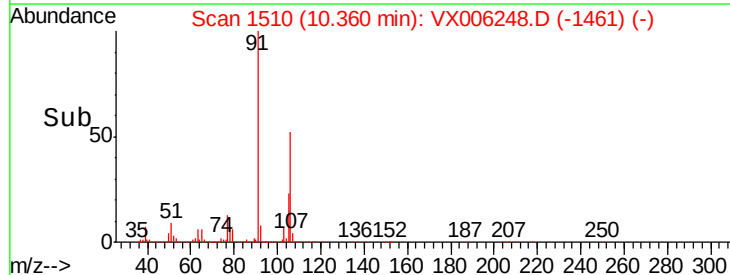
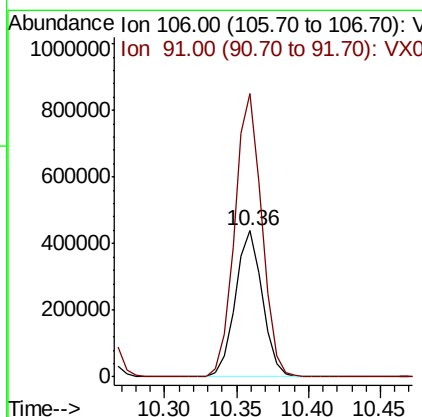
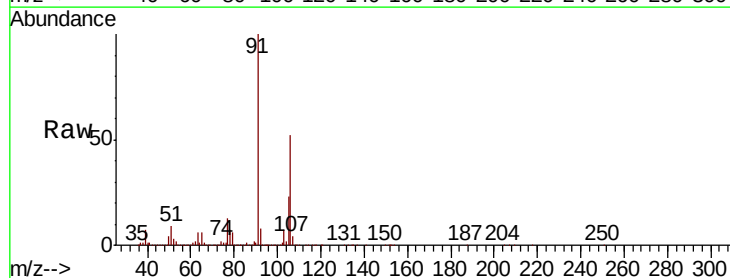
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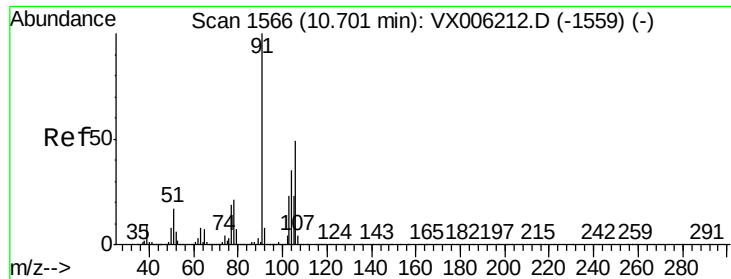
MMDadoda
12/4/2018 9:58:43 AM



#68
m/p-Xylenes
Concen: 39.040 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Tgt Ion: 106 Resp: 574269
Ion Ratio Lower Upper
106 100
91 194.4 155.2 232.8





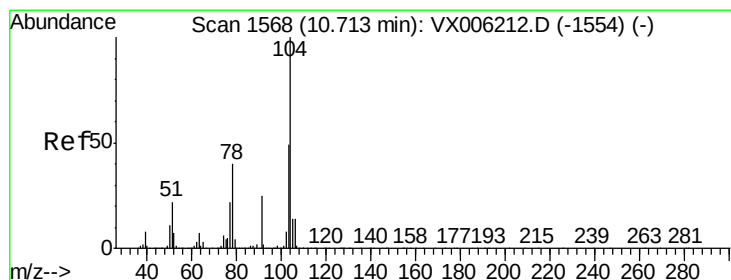
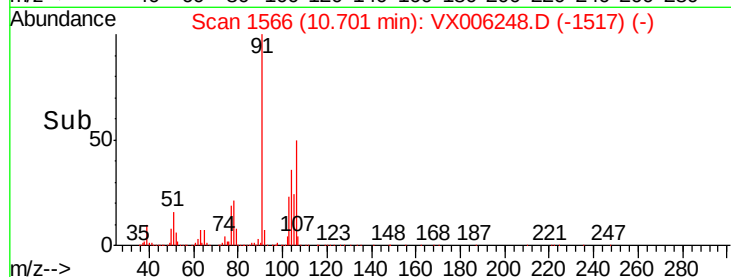
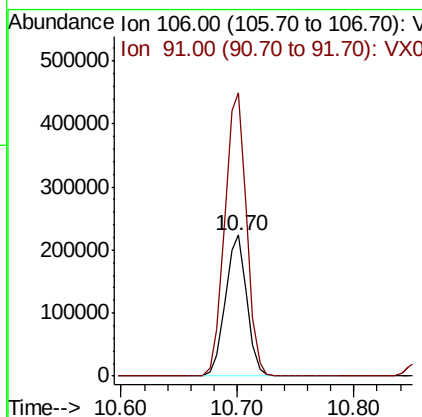
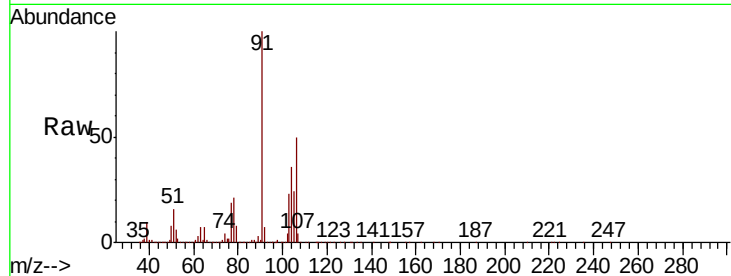
#69
o-Xylene
Concen: 19.429 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Instrument :
MSVOA_X
ClientSampled :
VX1203MBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.5	101.8	305.6

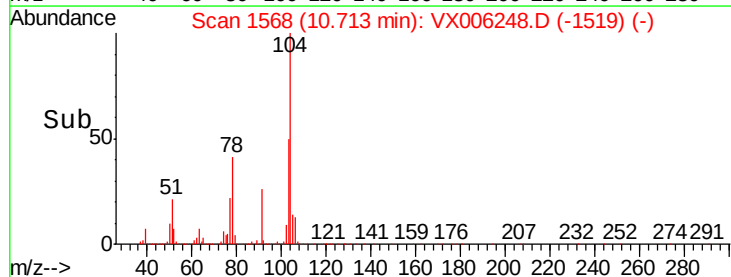
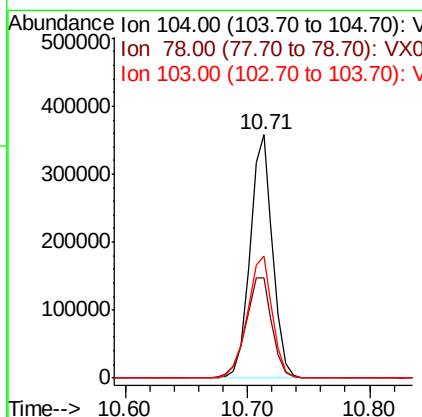
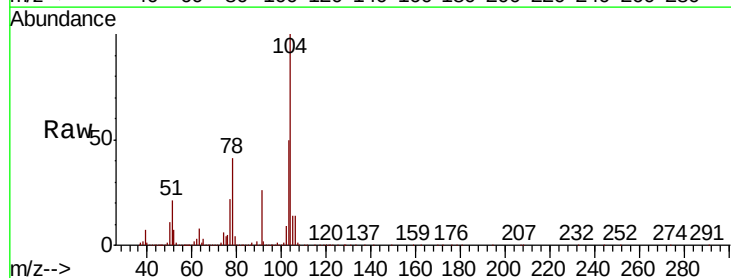
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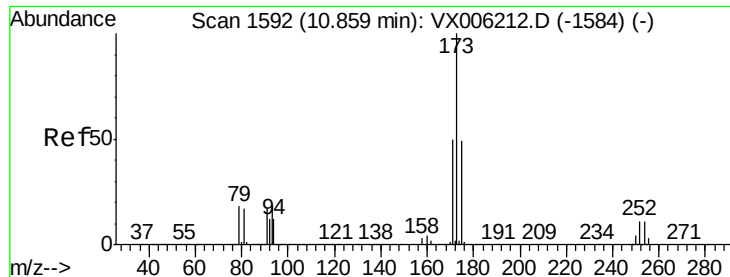
MMDadoda
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#70
Styrene
Concen: 19.464 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.9	37.2	55.8
103	55.8	43.5	65.3





#71

Bromoform

Concen: 19.452 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006248.D

Acq: 03 Dec 2018 12:57

Instrument :

MSVOA_X

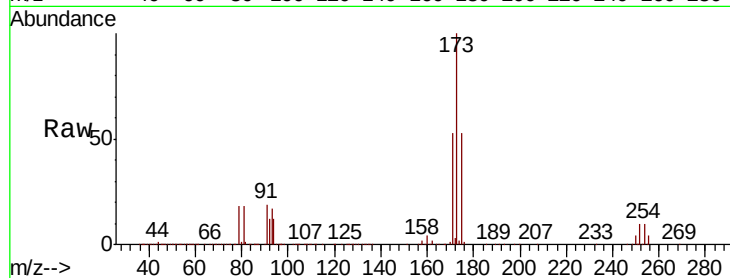
ClientSampleId :

VX1203MBS01

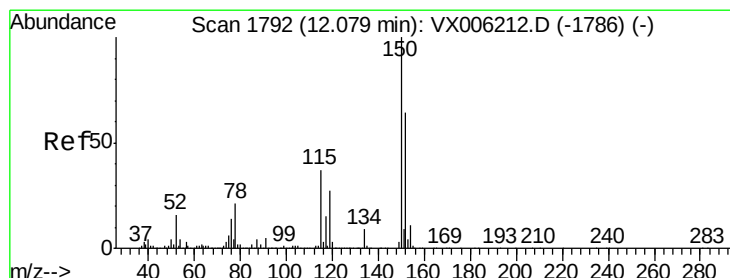
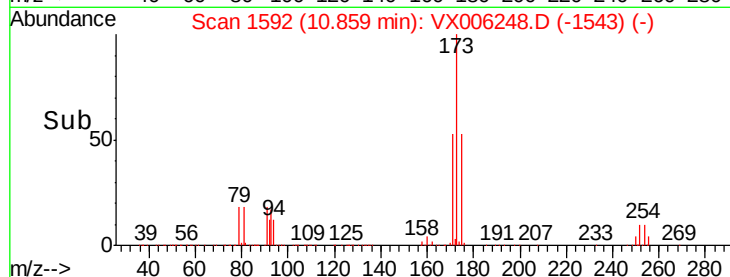
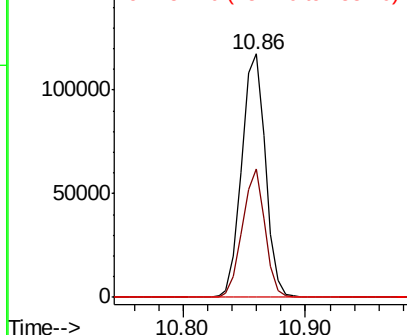
Tot Ion:	173	Resp:	157526
Ion Ratio	Lower	Upper	
173	100		
175	49.9	24.6	73.8
254	0.1	0.2	0.2#

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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

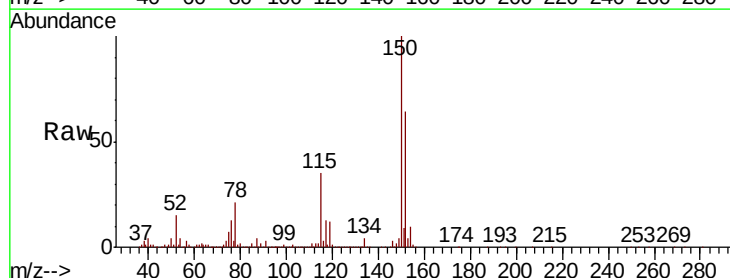
RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

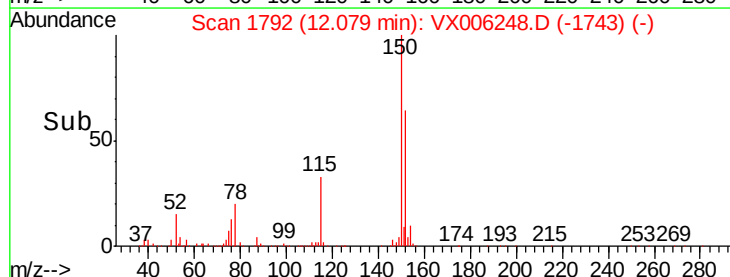
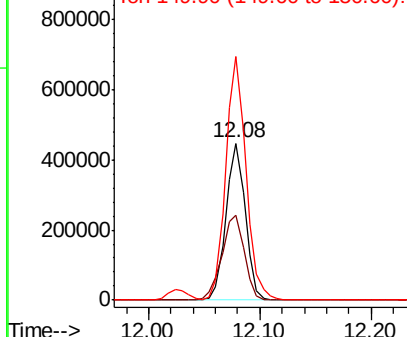
Lab File: VX006248.D

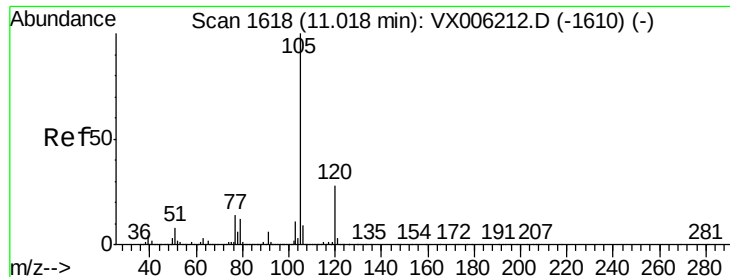
Acq: 03 Dec 2018 12:57

Tgt Ion:	152	Resp:	534734
Ion Ratio	Lower	Upper	
152	100		
115	63.3	39.0	116.9
150	162.3	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





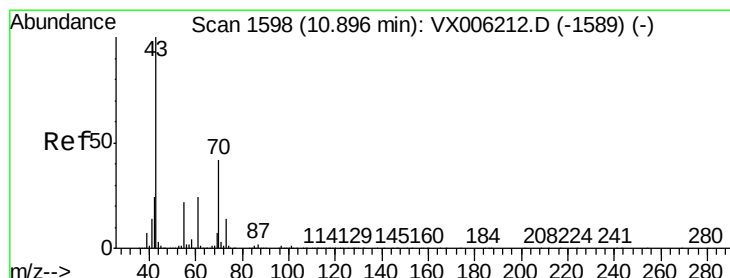
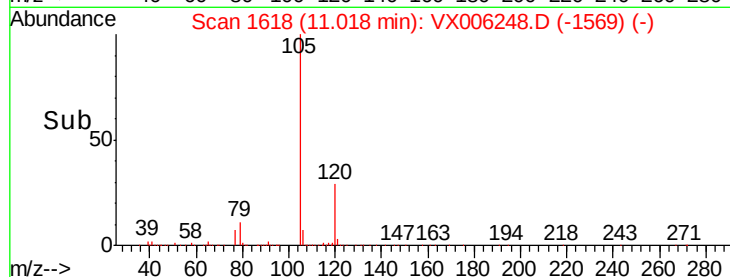
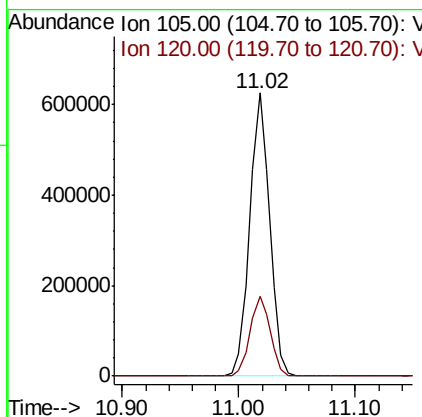
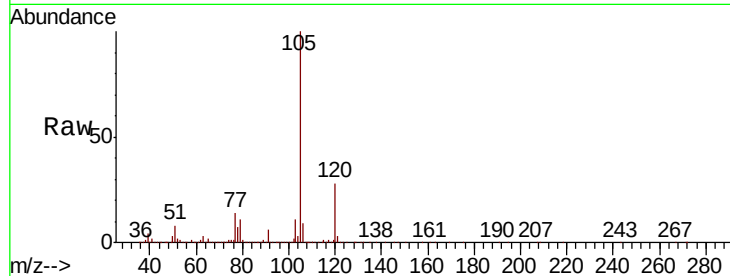
#73
Isopropylbenzene
Concen: 20.258 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	28.6	14.1	42.3

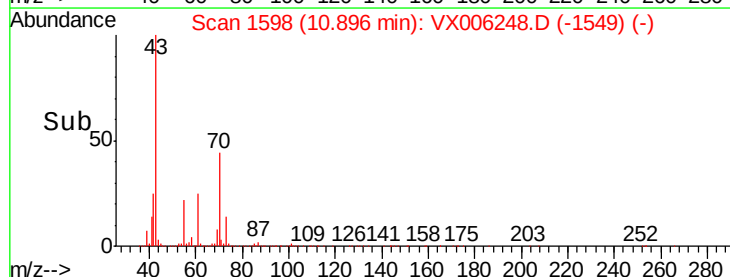
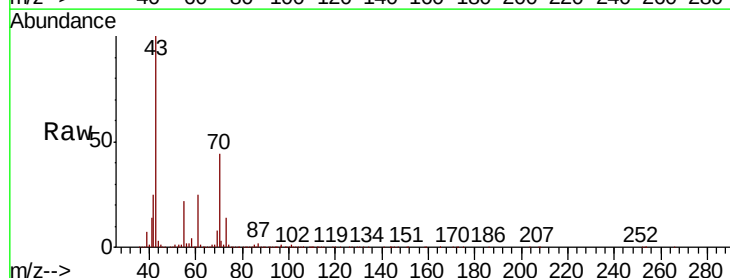
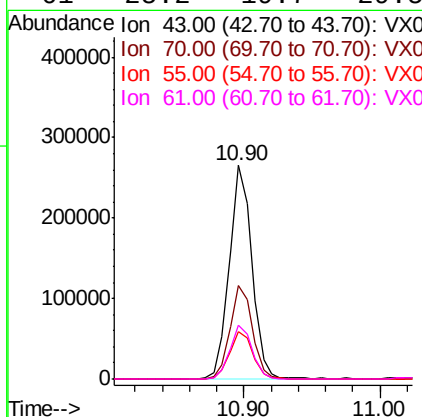
Manual Integrations
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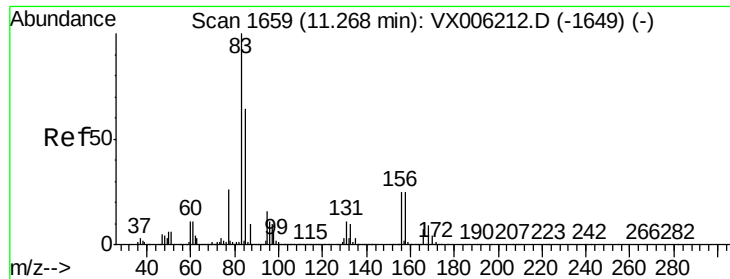
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#74
N-ethyl acetate
Concen: 19.171 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.5	34.1	51.1
55	22.8	17.8	26.8
61	25.2	19.7	29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.980 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006248.D

Acq: 03 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

Tot Ion: 83 Resp: 236042

Ion Ratio Lower Upper

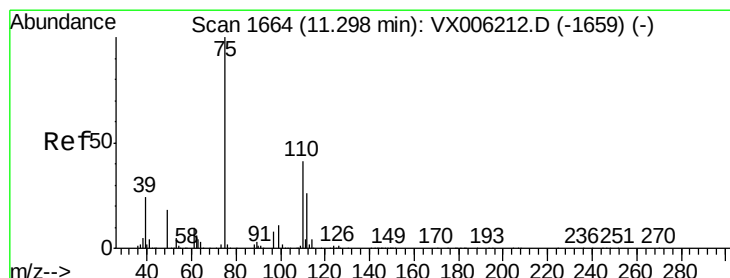
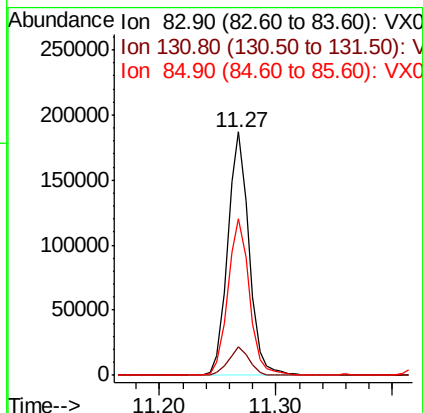
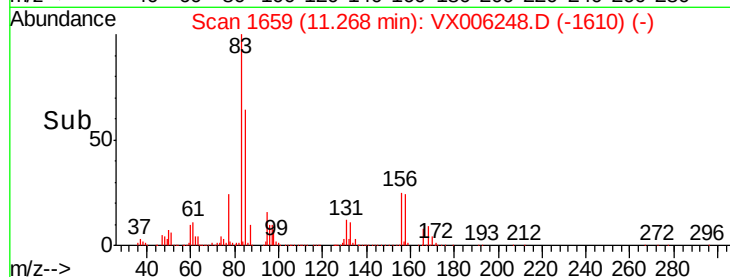
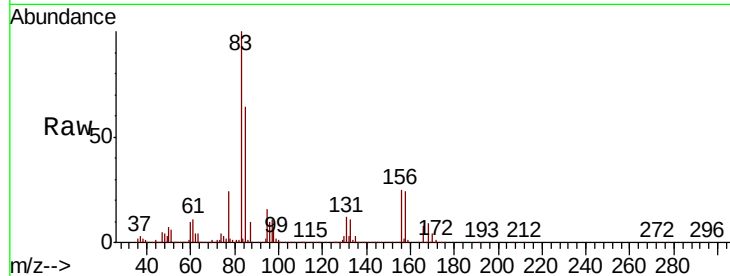
83 100

131 11.7 5.7 17.1

85 65.2 32.1 96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.970 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006248.D

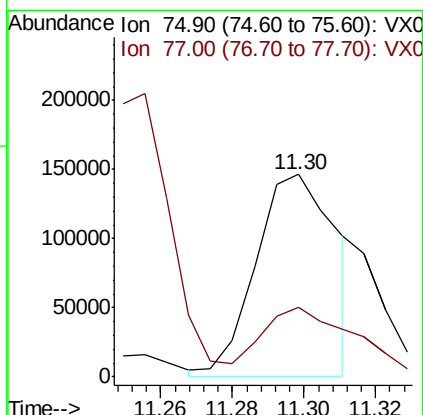
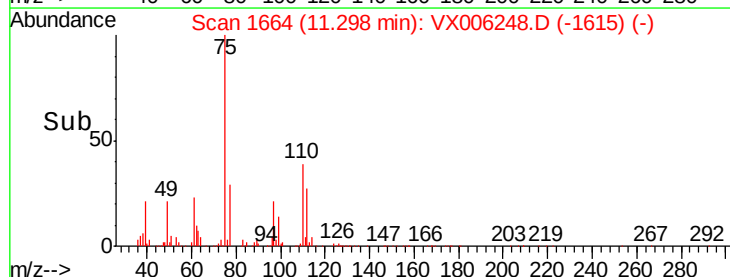
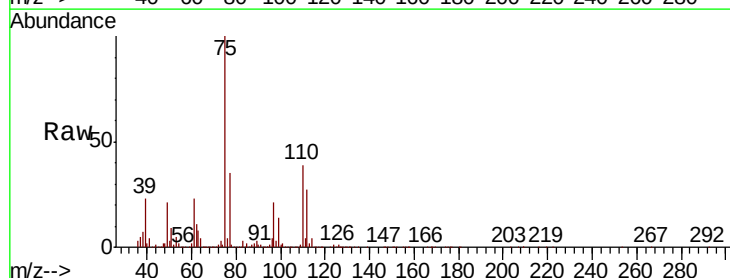
Acq: 03 Dec 2018 12:57

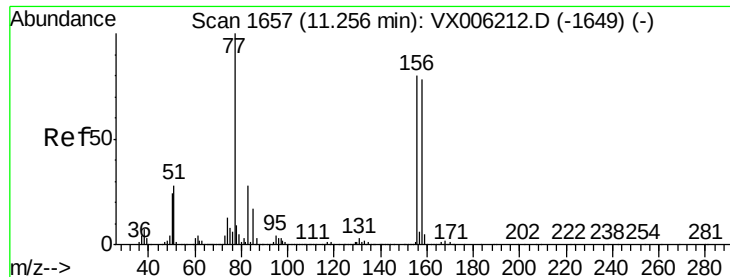
Tgt Ion: 75 Resp: 226753

Ion Ratio Lower Upper

75 100

77 39.9 19.9 59.7





#77

Bromobenzene

Concen: 20.061 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006248.D

Acq: 03 Dec 2018 12:57

Instrument :

MSVOA_X

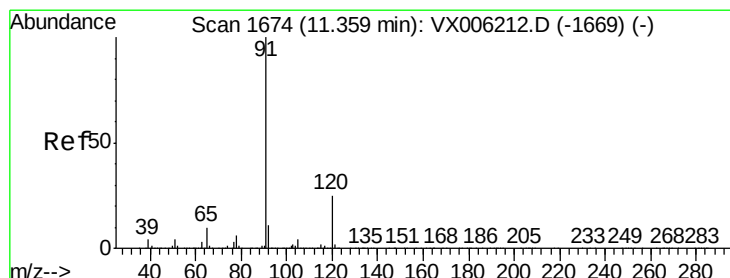
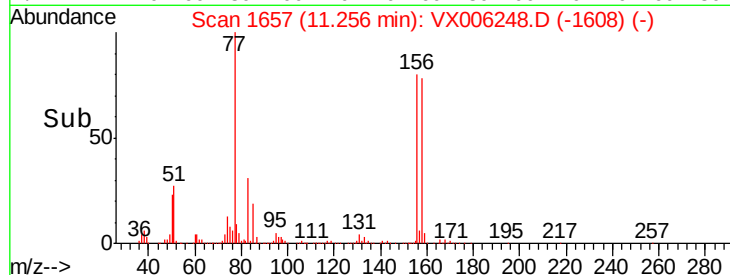
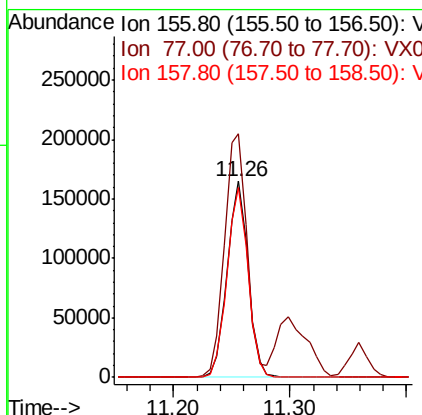
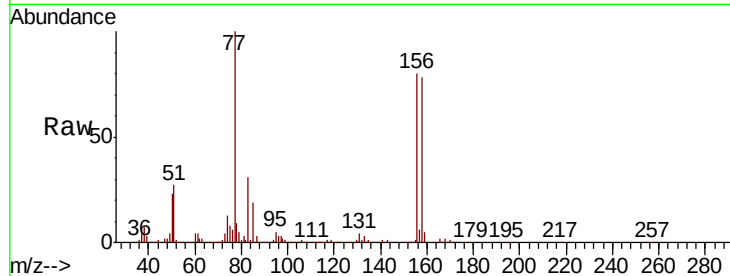
ClientSampleId :

VX1203MBS01

Tot Ion:	156	Resp:	205591
Ion Ratio	Lower	Upper	
156	100		
77	133.4	66.2	198.6
158	97.5	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 20.008 ug/l

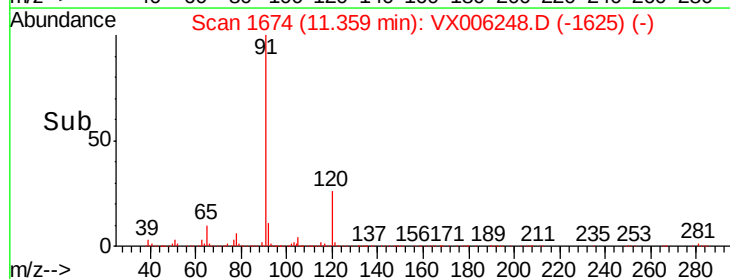
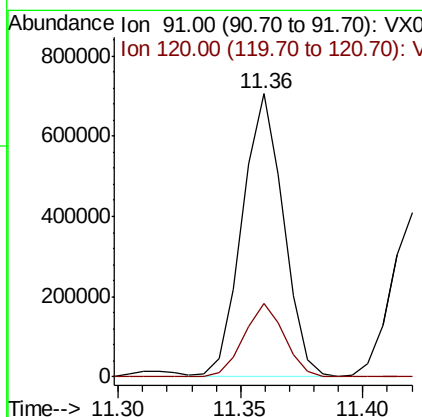
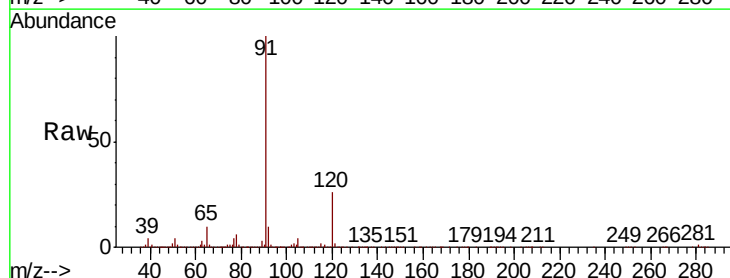
RT: 11.36 min Scan# 1674

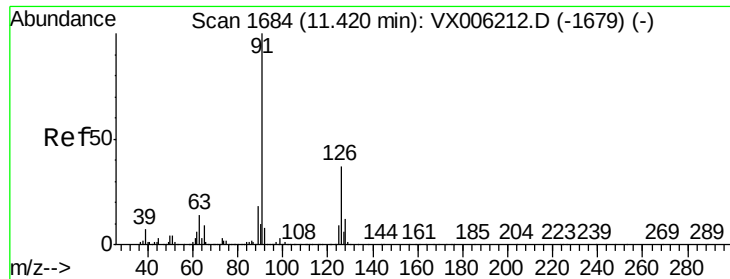
Delta R.T. 0.00 min

Lab File: VX006248.D

Acq: 03 Dec 2018 12:57

Tgt Ion:	91	Resp:	821306
Ion Ratio	Lower	Upper	
91	100		
120	25.9	12.7	38.0





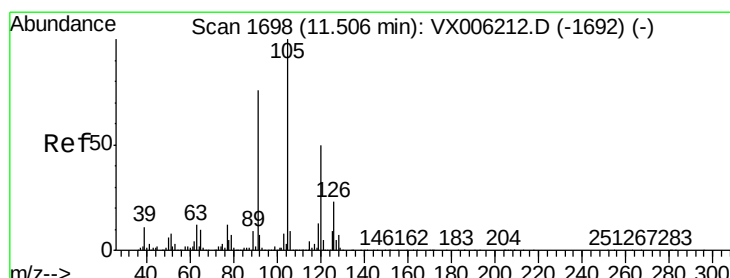
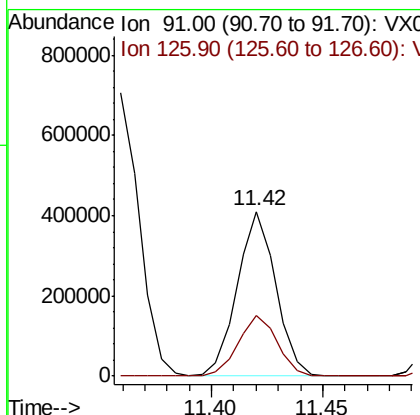
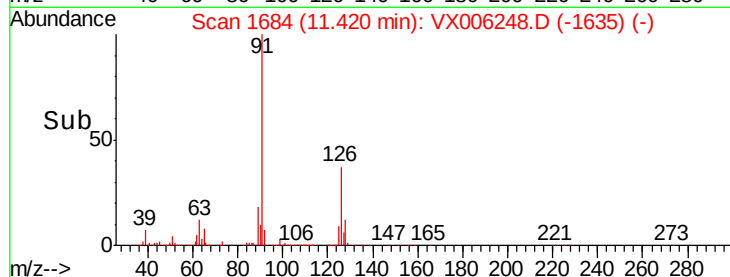
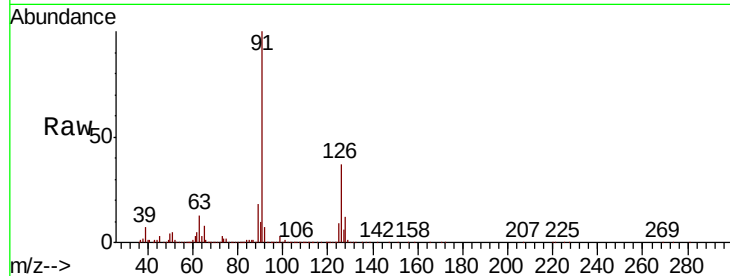
#79
2-Chlorotoluene
Concen: 20.221 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

Tot Ion: 91 Resp: 493356
Ion Ratio Lower Upper
91 100
126 37.4 18.6 56.0

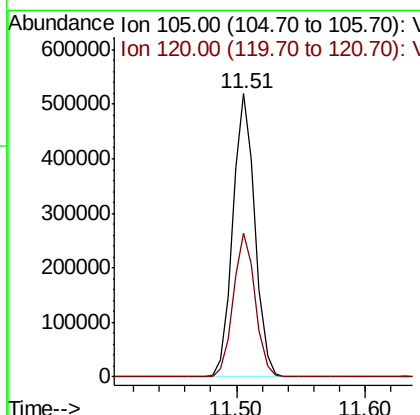
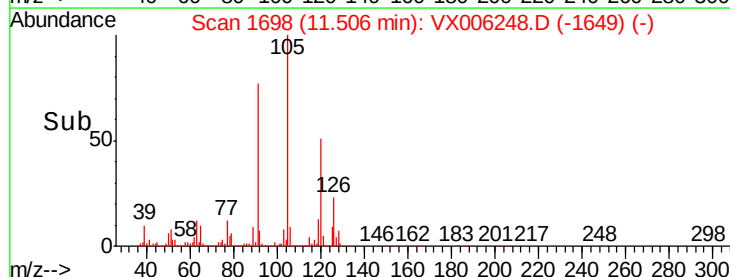
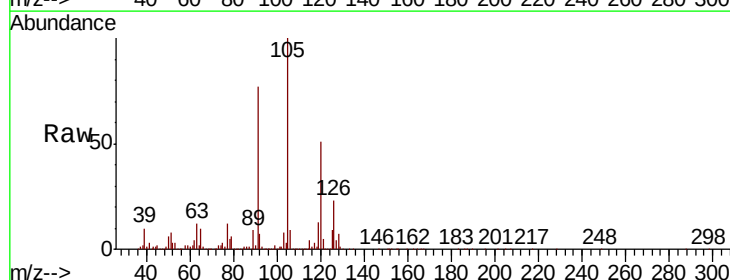
Manual Integrations
APPROVED

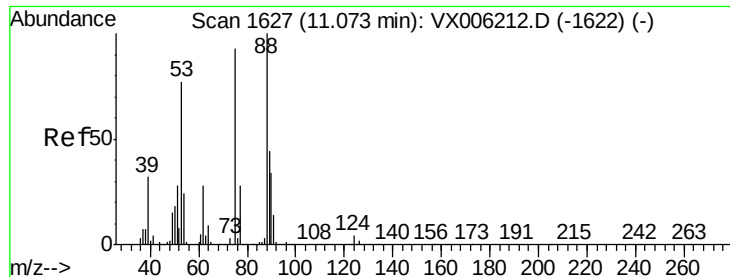
MMDadoda
12/4/2018 9:58:43 AM



#80
1,3,5-Trimethylbenzene
Concen: 20.126 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Tgt Ion: 105 Resp: 618379
Ion Ratio Lower Upper
105 100
120 50.5 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.229 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006248.D

Acq: 03 Dec 2018 12:57

Instrument :

MSVOA_X

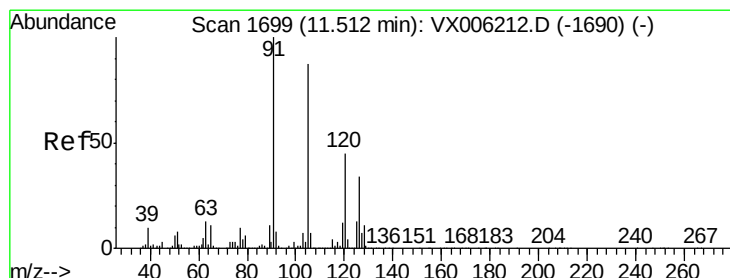
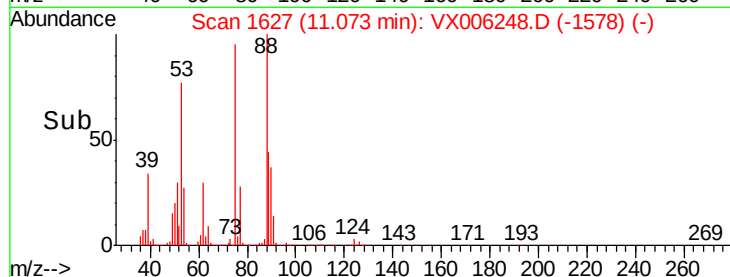
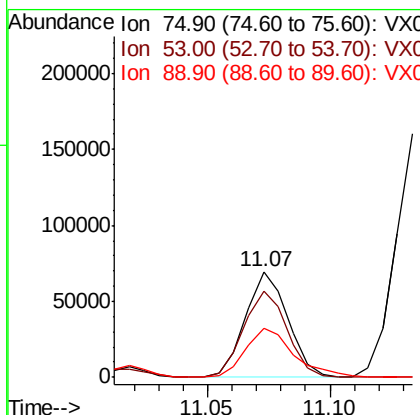
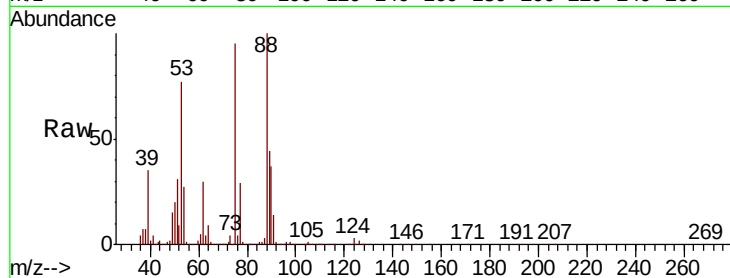
ClientSampleId :

VX1203MBS01

Tot Ion:	75	Resp:	84573
Ion	Ratio	Lower	Upper
75	100		
53	82.7	64.4	96.6
89	53.8	44.2	66.4

Manual Integrations
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12/4/2018 9:58:43 AM



#82

4-Chlorotoluene

Concen: 19.703 ug/l

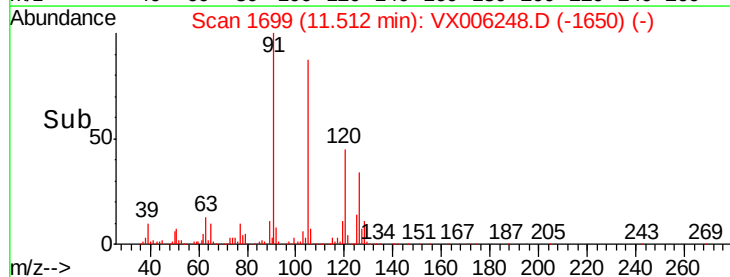
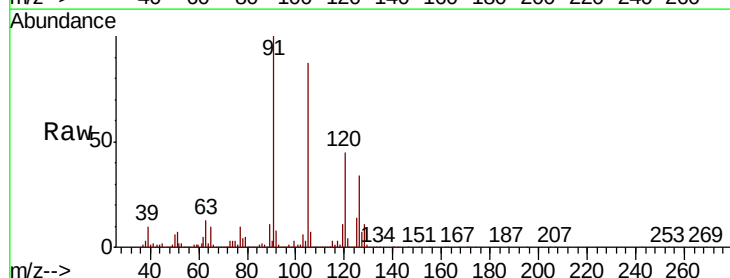
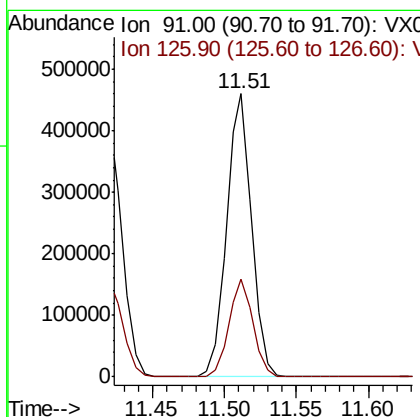
RT: 11.51 min Scan# 1699

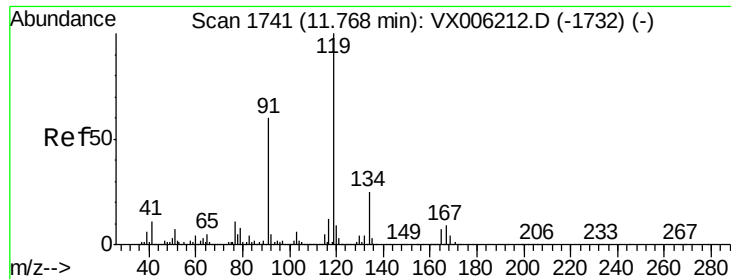
Delta R.T. 0.00 min

Lab File: VX006248.D

Acq: 03 Dec 2018 12:57

Tgt Ion:	91	Resp:	558905
Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.4	49.4





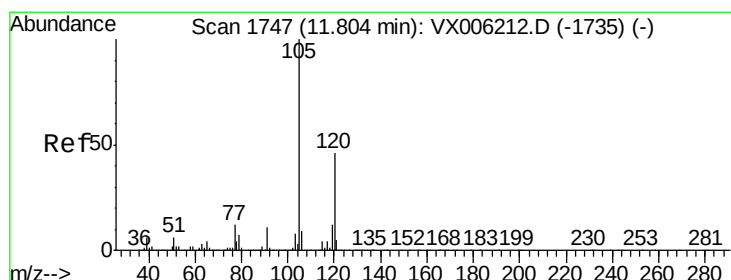
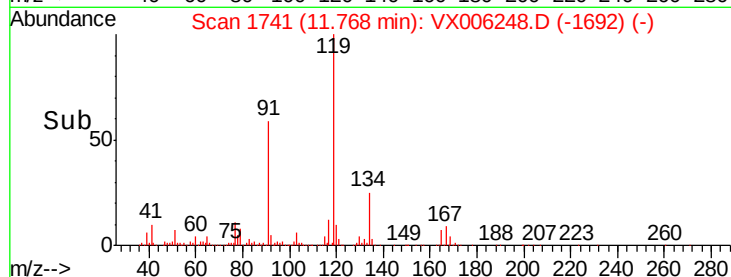
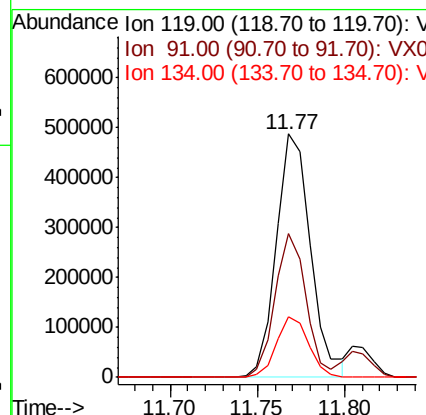
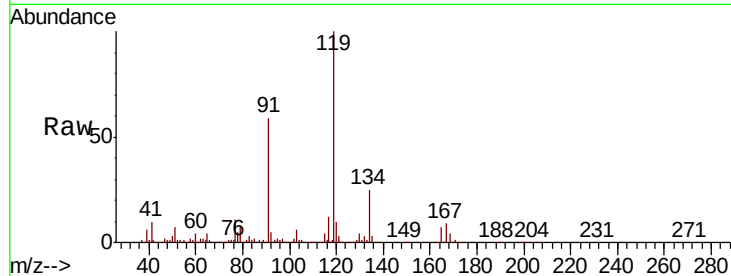
#83
 tert-Butylbenzene
 Concen: 20.356 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006248.D
 Acq: 03 Dec 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203MBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	53.5	26.4	79.2
134	23.3	11.6	34.7

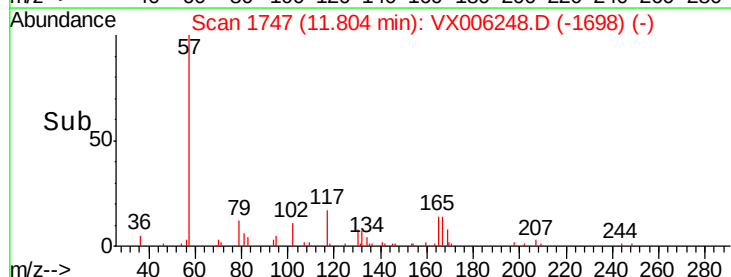
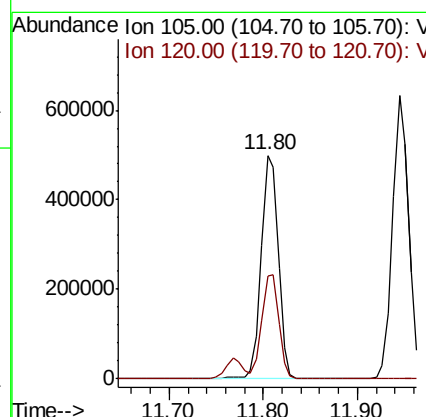
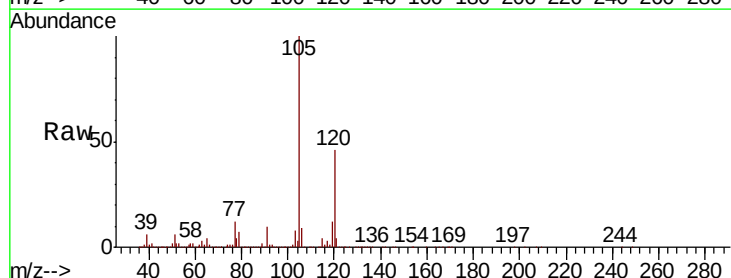
Manual Integrations
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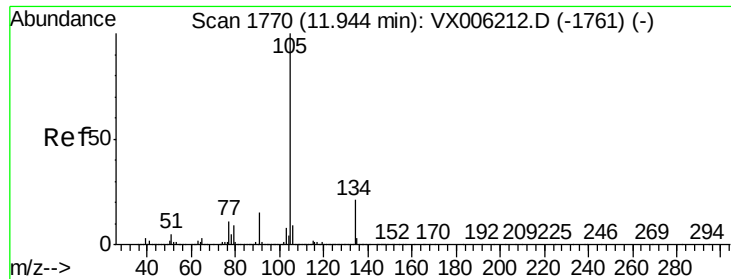
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 12/4/2018 9:58:43 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.908 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006248.D
 Acq: 03 Dec 2018 12:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.4	70.0





#85

sec-Butylbenzene

Concen: 20.210 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006248.D

Acq: 03 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

Tot Ion:105 Resp: 753713

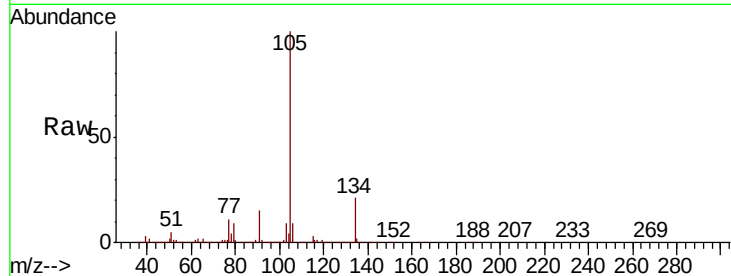
Ion Ratio Lower Upper

105 100

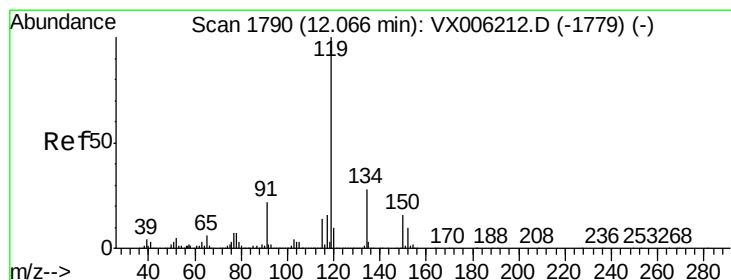
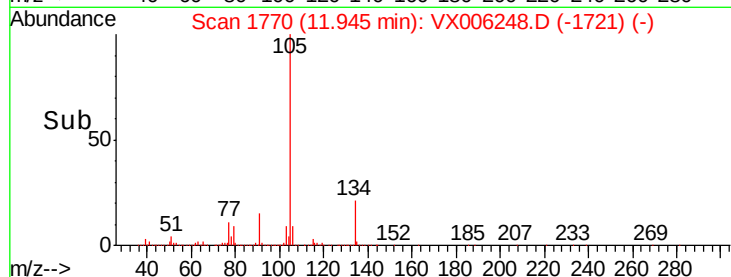
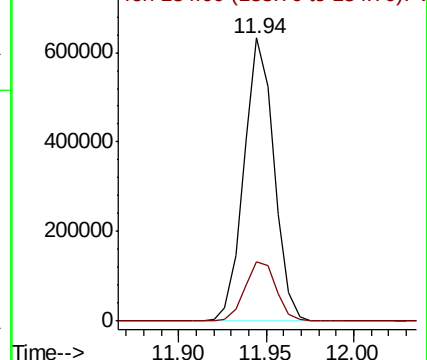
134 21.8 10.8 32.4

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.973 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006248.D

Acq: 03 Dec 2018 12:57

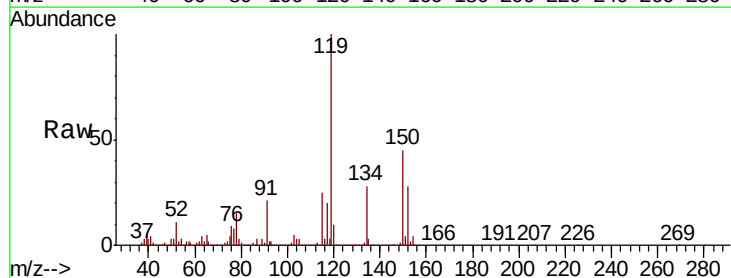
Tgt Ion:119 Resp: 670735

Ion Ratio Lower Upper

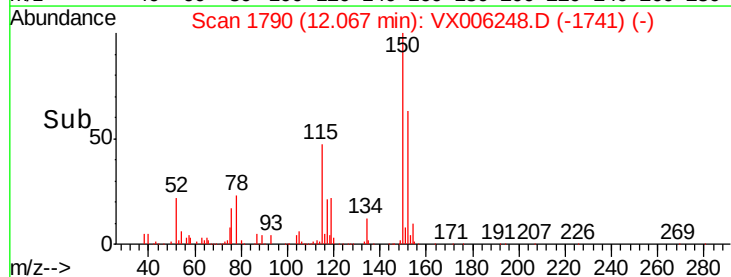
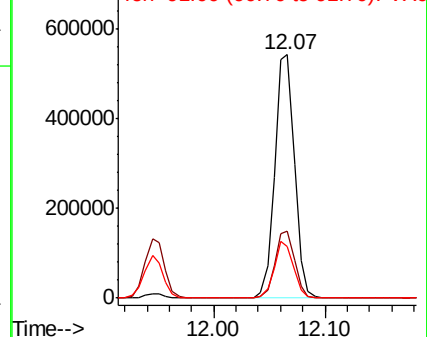
119 100

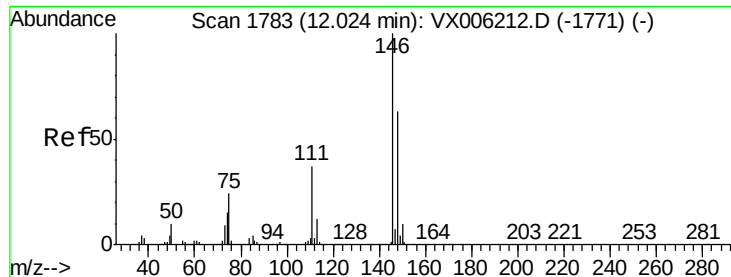
134 27.6 13.9 41.6

91 22.6 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V





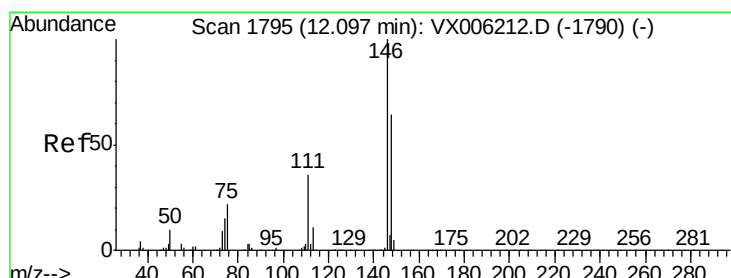
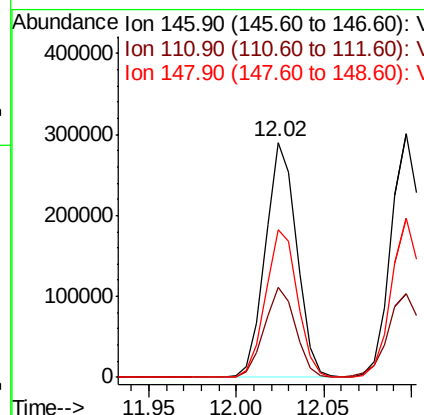
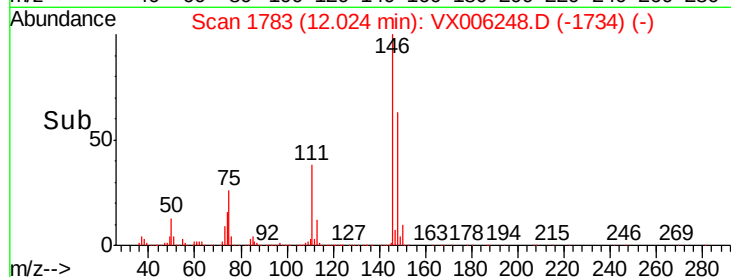
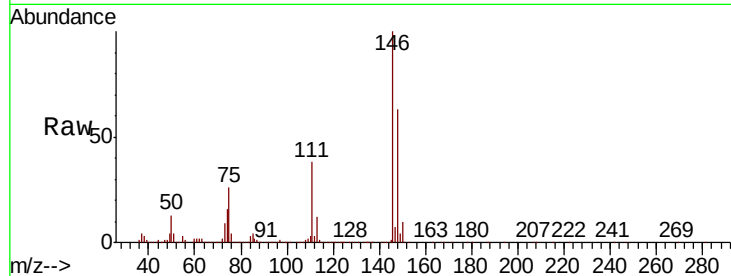
#87
 1,3-Dichlorobenzene
 Concen: 19.825 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006248.D
 Acq: 03 Dec 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.4	55.2
148	63.6	32.0	96.0

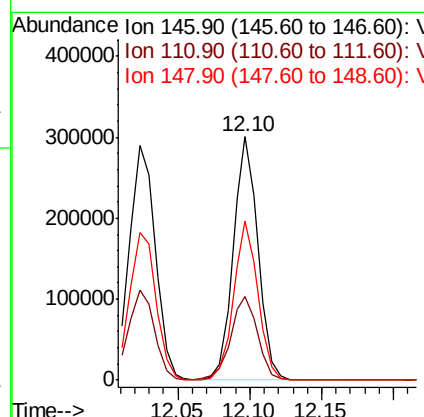
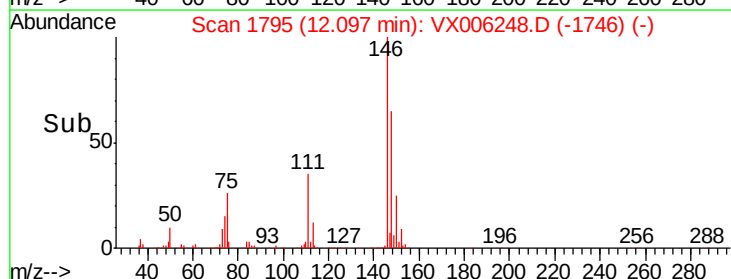
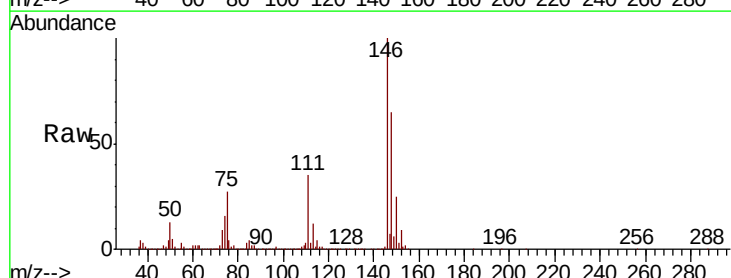
Manual Integrations
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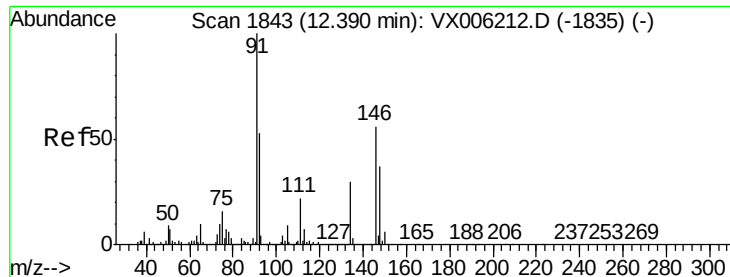
MMDadoda
 12/4/2018 9:58:43 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.510 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006248.D
 Acq: 03 Dec 2018 12:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.3	54.8
148	64.8	31.9	95.9





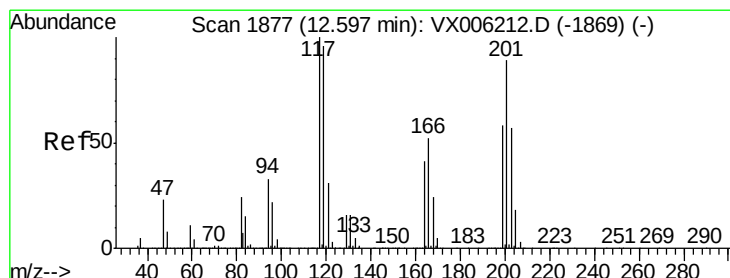
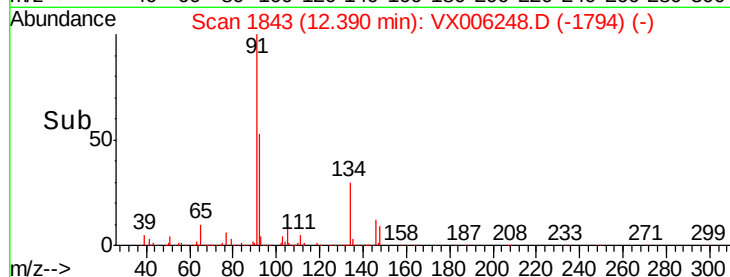
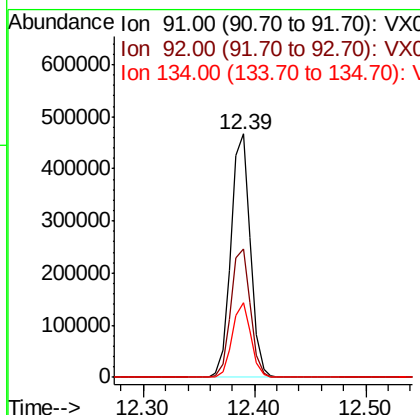
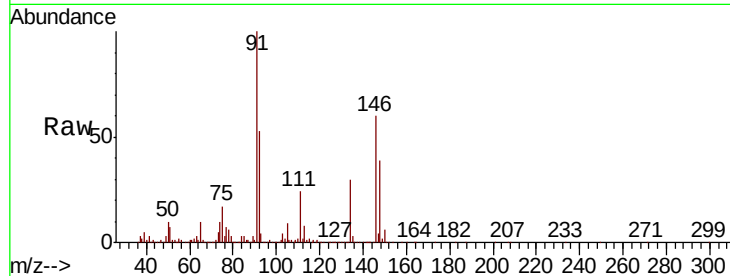
#89
n-Butylbenzene
Concen: 19.494 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.6	79.8
134	29.3	14.8	44.3

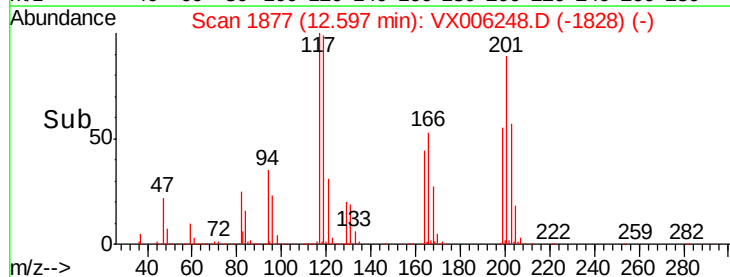
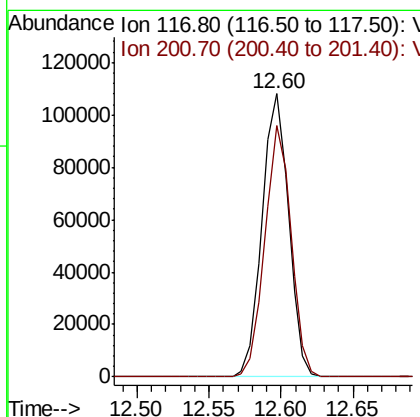
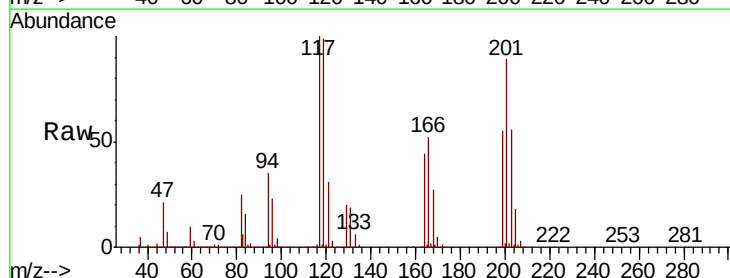
Manual Integrations
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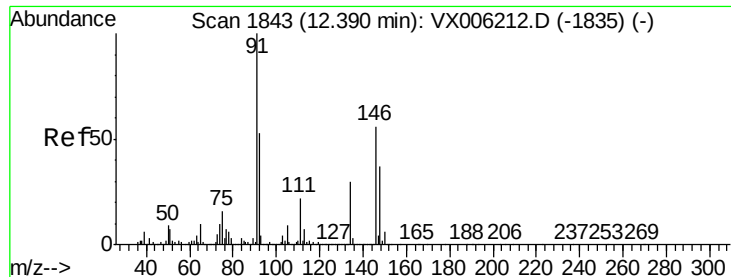
MMDadoda
12/4/2018 9:58:43 AM



#90
Hexachloroethane
Concen: 20.096 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.7	44.7	134.1





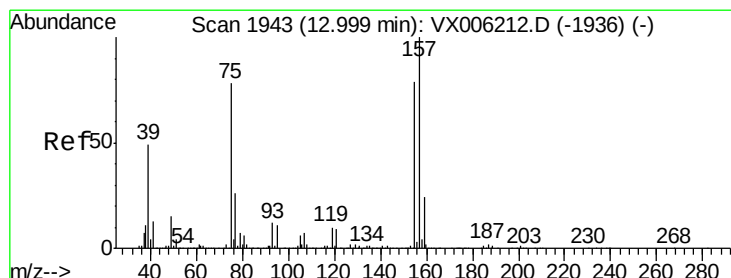
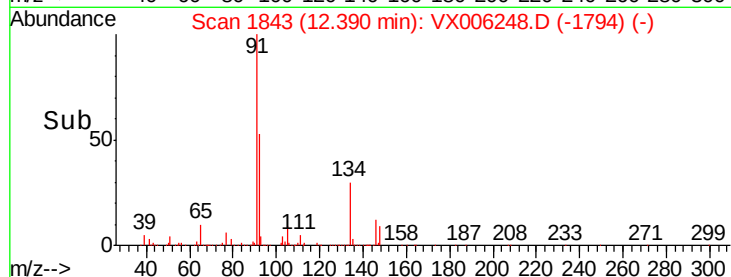
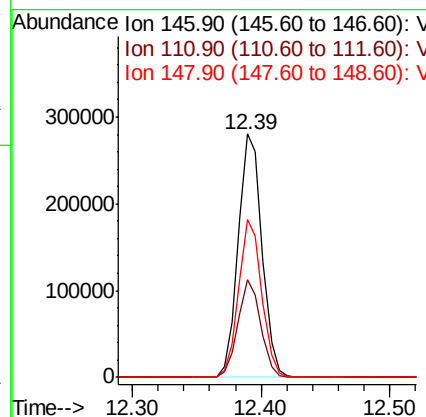
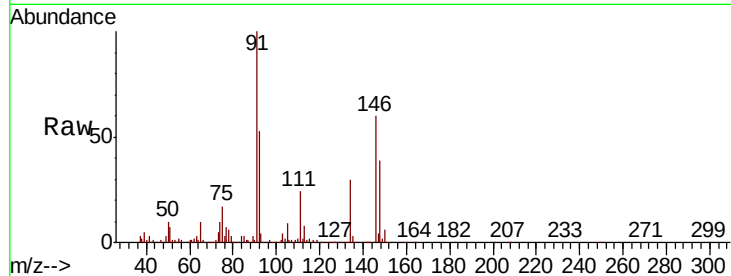
#91
 1,2-Dichlorobenzene
 Concen: 20.025 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006248.D
 Acq: 03 Dec 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.3
148	63.1	32.1	96.3

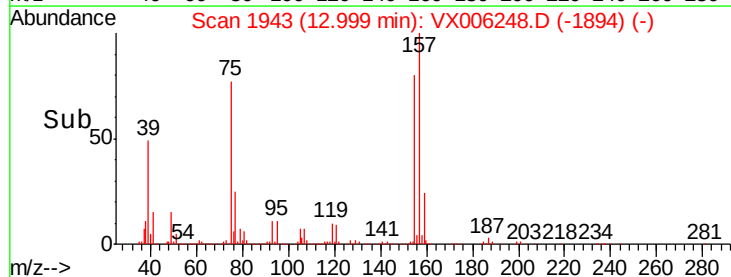
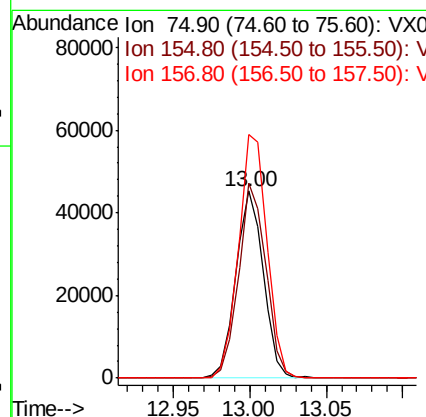
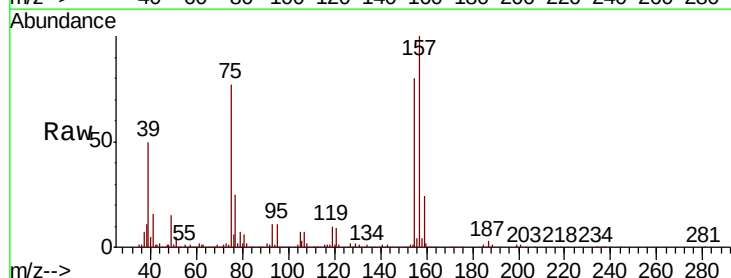
Manual Integrations
 APPROVED

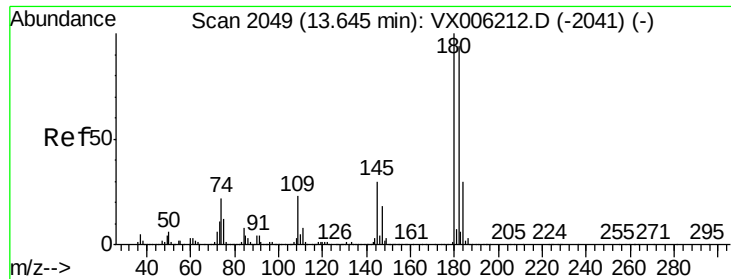
MMDadoda
 12/4/2018 9:58:43 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.587 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006248.D
 Acq: 03 Dec 2018 12:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.6	53.4	160.3
157	135.4	68.0	203.8





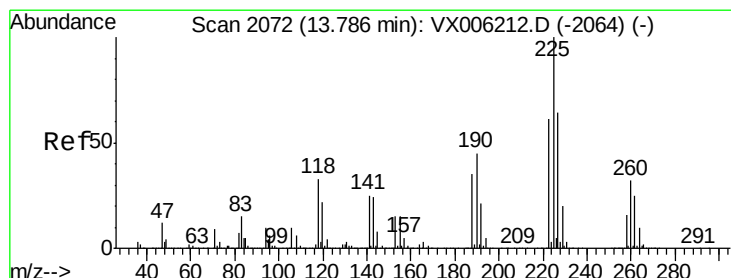
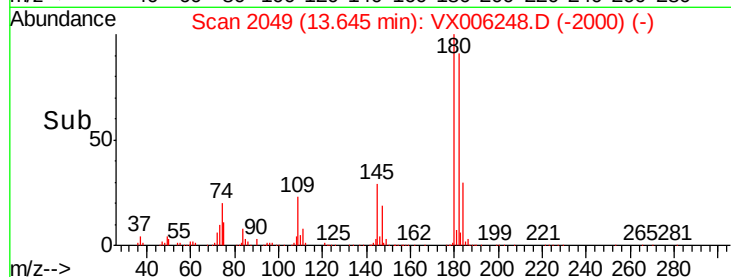
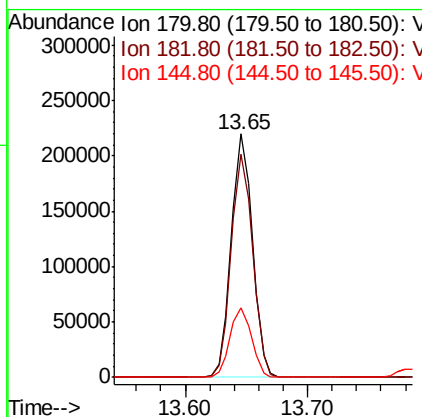
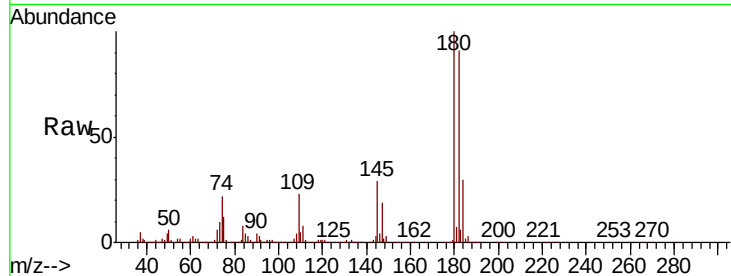
#93
 1,2,4-Trichlorobenzene
 Concen: 19.820 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006248.D
 Acq: 03 Dec 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203MBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	261697		
182	93.2	47.3	141.9	
145	29.3	14.6	43.8	

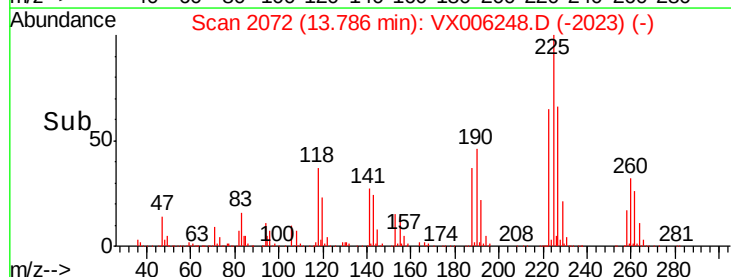
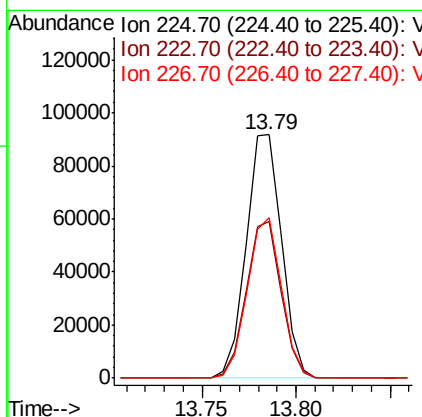
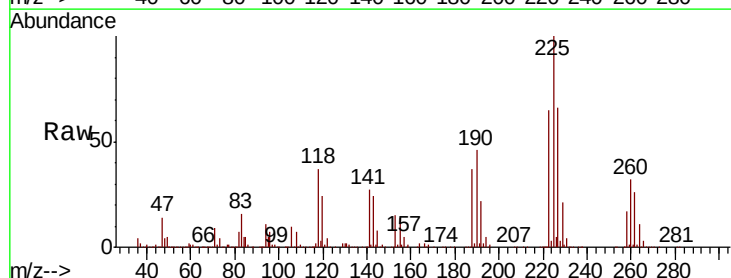
Manual Integrations
 APPROVED

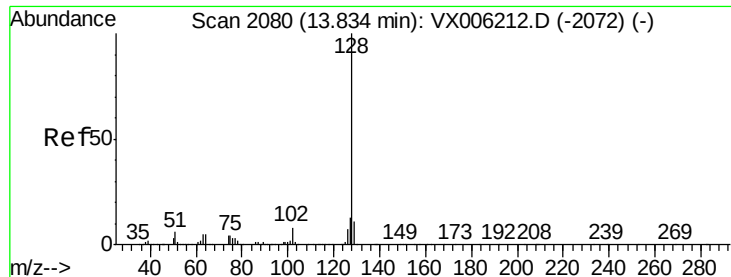
MMDadoda
 12/4/2018 9:58:43 AM



#94
 Hexachlorobutadiene
 Concen: 20.503 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX006248.D
 Acq: 03 Dec 2018 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	119717		
223	63.6	31.2	93.6	
227	63.5	31.9	95.5	





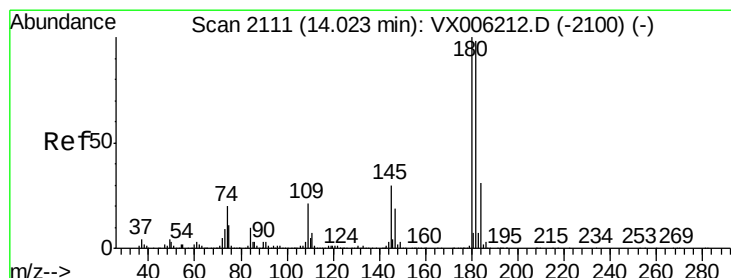
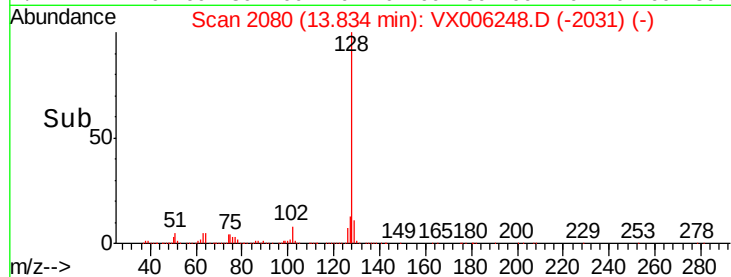
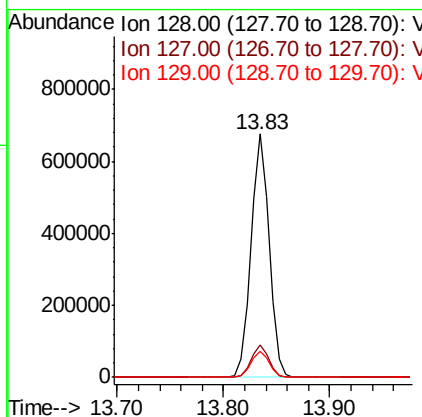
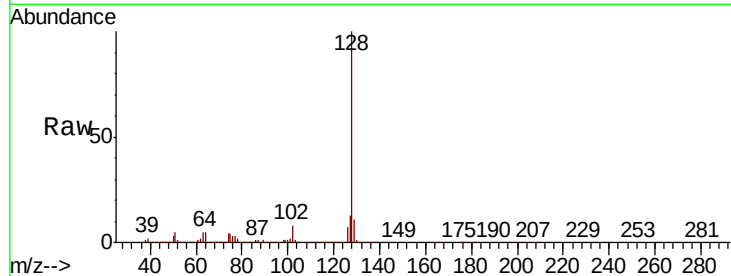
#95
Naphthalene
Concen: 19.733 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	810452		
127	12.9		10.2	15.4
129	10.8		8.9	13.3

Manual Integrations
APPROVED

MMDadoda
12/4/2018 9:58:43 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.713 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX006248.D
Acq: 03 Dec 2018 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	257800		
182	95.3		48.4	145.2
145	31.9		15.6	46.8

