

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX112918\
 Data File : VX006214.D
 Acq On : 29 Nov 2018 16:18
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 11/30/2018 10:13:20 AM

Quant Time: Nov 30 03:54:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:36:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	777904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1156853	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1028582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	547425	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	1147685	144.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	289.04%	
35) Dibromofluoromethane	5.51	113	1101372	147.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.08%	
50) Toluene-d8	8.72	98	3968498	145.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.32%	
62) 4-Bromofluorobenzene	11.14	95	1466143	142.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	285.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	1204796	158.177	ug/l	99
3) Chloromethane	1.32	50	1168080	149.233	ug/l	97
4) Vinyl Chloride	1.41	62	1235271	146.635	ug/l	99
5) Bromomethane	1.64	94	842962	144.387	ug/l	99
6) Chloroethane	1.71	64	703040	136.112	ug/l	100
7) Trichlorofluoromethane	1.92	101	1971655	152.472	ug/l	99
8) Diethyl Ether	2.19	74	726999	148.549	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	1091234	148.408	ug/l	99
10) Methyl Iodide	2.51	142	1696262	153.076	ug/l	100
11) Tert butyl alcohol	3.10	59	1583757	729.262	ug/l	99
12) 1,1-Dichloroethene	2.37	96	1042881	148.158	ug/l	100
13) Acrolein	2.30	56	897093	755.774	ug/l	99
14) Allyl chloride	2.73	41	2066209	148.597	ug/l	99
15) Acrylonitrile	3.16	53	3327896	734.332	ug/l	99
16) Acetone	2.45	43	2743950	736.289	ug/l	100
17) Carbon Disulfide	2.56	76	3273396	150.917	ug/l	100
18) Methyl Acetate	2.78	43	1822583	146.240	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	3744262	149.110	ug/l	99
20) Methylene Chloride	2.85	84	1133121	142.865	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	1112780	148.347	ug/l	97
22) Diisopropyl ether	3.87	45	3237304	149.057	ug/l	98
23) Vinyl Acetate	3.83	43	13766688	743.175	ug/l	99
24) 1,1-Dichloroethane	3.70	63	1801336	145.107	ug/l	99
25) 2-Butanone	4.71	43	3775277	709.971	ug/l	97
26) 2,2-Dichloropropane	4.58	77	1632875	142.527	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	1235192	147.624	ug/l	99
28) Bromochloromethane	5.02	49	799169	147.386	ug/l	100
29) Tetrahydrofuran	5.16	42	2642804	715.110	ug/l	99
30) Chloroform	5.22	83	1892667	145.083	ug/l	96
31) Cyclohexane	5.57	56	1671968	145.739	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	1793160	144.467	ug/l	100
36) 1,1-Dichloropropene	5.80	75	1435743	147.378	ug/l	100
37) Ethyl Acetate	4.86	43	1575402	144.404	ug/l	100
38) Carbon Tetrachloride	5.78	117	1679862	146.578	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1854053	146.619	ug/l	98
40) Benzene	6.14	78	4291414	147.078	ug/l	100
41) Methacrylonitrile	5.07	41	856313	142.646	ug/l	99
42) 1,2-Dichloroethane	6.20	62	1418517	148.546	ug/l	99
43) Isopropyl Acetate	6.46	43	2622940	144.196	ug/l	99
44) Trichloroethene	7.21	130	1315439	148.818	ug/l	96
45) 1,2-Dichloropropane	7.52	63	1086239	146.480	ug/l	99
46) Dibromomethane	7.66	93	790867	147.669	ug/l	100
47) Bromodichloromethane	7.90	83	1542335	148.709	ug/l	100
48) Methyl methacrylate	7.77	41	1275921	144.189	ug/l	100
49) 1,4-Dioxane	7.76	88	601914	2759.853	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	7559404	713.897	ug/l	99
52) Toluene	8.79	92	2797565	145.737	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	1807146	148.988	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	1862258	147.856	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	1133185	145.308	ug/l	99
56) Ethyl methacrylate	9.18	69	1744058	143.054	ug/l	99
57) 1,3-Dichloropropane	9.37	76	1796495	145.681	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	4538860	733.658	ug/l	99
59) 2-Hexanone	9.50	43	5830526	720.711	ug/l	100
60) Dibromochloromethane	9.59	129	1411544	146.787	ug/l	100
61) 1,2-Dibromoethane	9.68	107	1267486	145.356	ug/l	99
64) Tetrachloroethene	9.34	164	1151102	148.603	ug/l	99
65) Chlorobenzene	10.14	112	3214540	147.223	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	1248527	147.172	ug/l	100
67) Ethyl Benzene	10.25	91	5300880	145.969	ug/l	99
68) m/p-Xylenes	10.36	106	4246012	291.886	ug/l	98
69) o-Xylene	10.70	106	2084321	145.059	ug/l	100
70) Styrene	10.71	104	3391456	145.935	ug/l	98
71) Bromoform	10.86	173	1215491	151.780	ug/l	100
73) Isopropylbenzene	11.02	105	5340248	141.259	ug/l	99
74) N-amyl acetate	10.90	43	2416599	148.445	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	1745271	144.303	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	1562208m	109.889	ug/l	
77) Bromobenzene	11.26	156	1499774	142.953	ug/l	99
78) n-propylbenzene	11.36	91	6067929	144.394	ug/l	100
79) 2-Chlorotoluene	11.42	91	3565003	142.731	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	4531513	144.066	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	656936	145.904	ug/l	96
82) 4-Chlorotoluene	11.51	91	4234109	145.804	ug/l	100
83) tert-Butylbenzene	11.77	119	4771014	142.161	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	4644507	142.998	ug/l	99
85) sec-Butylbenzene	11.95	105	5504324	144.168	ug/l	100
86) p-Isopropyltoluene	12.07	119	4984230	144.976	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	2748524	147.232	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	2768618	147.889	ug/l	100
89) n-Butylbenzene	12.39	91	4461734	152.099	ug/l	99
90) Hexachloroethane	12.60	117	1035107	147.726	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	2692258	145.313	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	444560	143.392	ug/l	99

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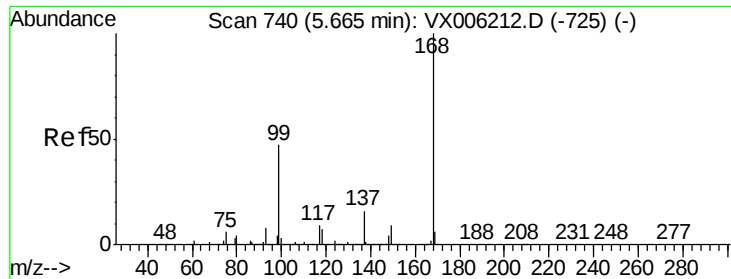
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	2071954	153.287	ug/l	100
94) Hexachlorobutadiene	13.79	225	909274	152.111	ug/l	100
95) Naphthalene	13.83	128	6210889	147.717	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	2050426	153.154	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: VX006214.D

Acq: 29 Nov 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:168 Resp: 777904

Ion Ratio Lower Upper

168 100

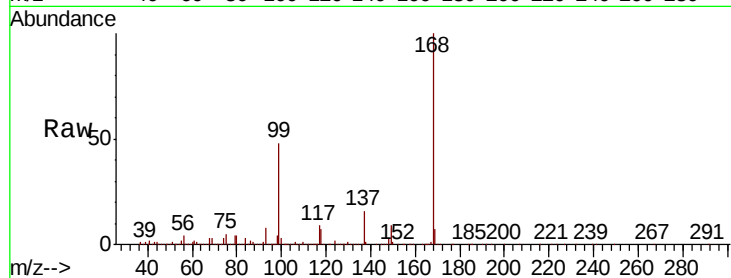
99 48.1 37.8 56.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

400000

300000

200000

100000

0

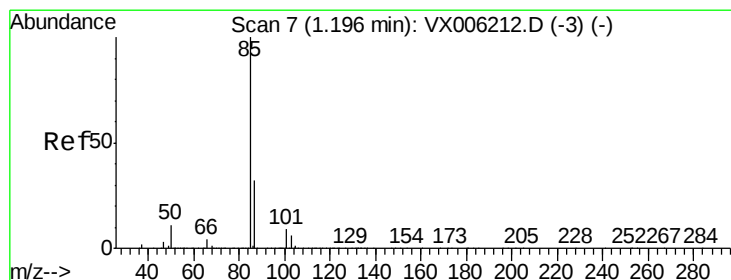
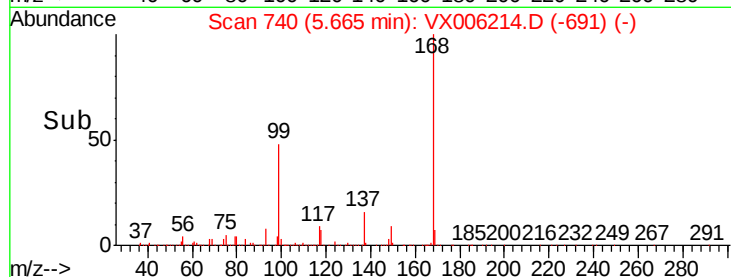
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 158.177 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006214.D

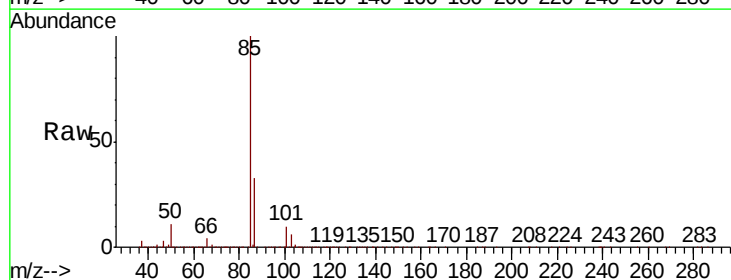
Acq: 29 Nov 2018 16:18

Tgt Ion: 85 Resp: 1204796

Ion Ratio Lower Upper

85 100

87 32.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1200000

1000000

800000

600000

400000

200000

0

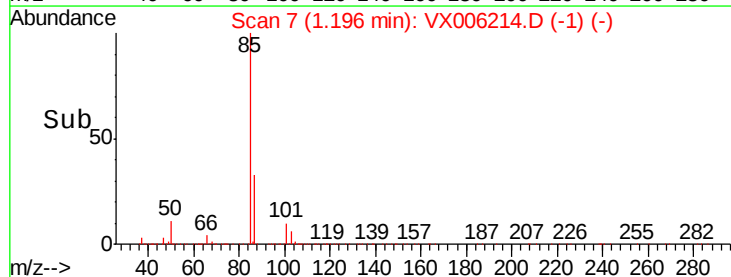
1.15

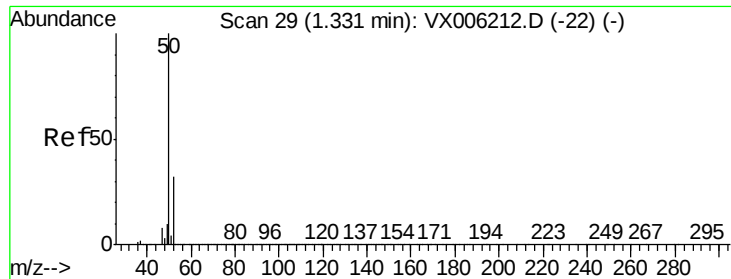
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 149.233 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 50 Resp: 1168080

Ion Ratio Lower Upper

50 100

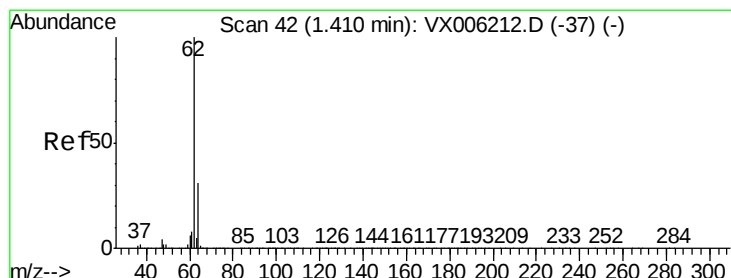
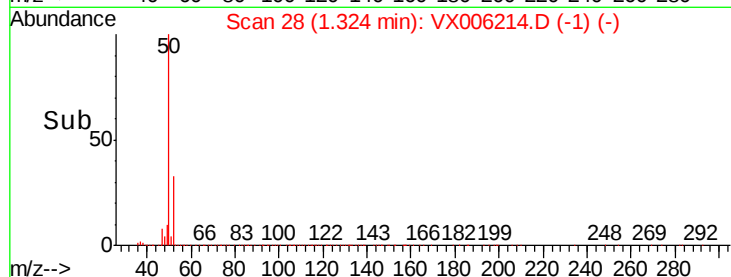
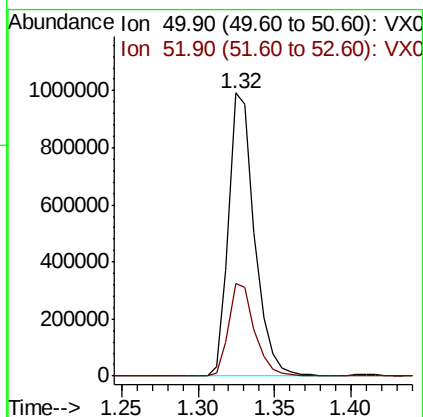
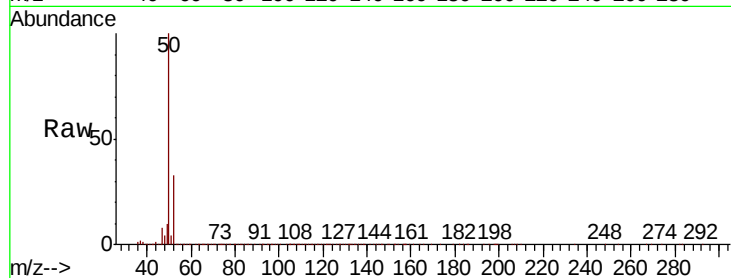
52 33.0 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 146.635 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006214.D

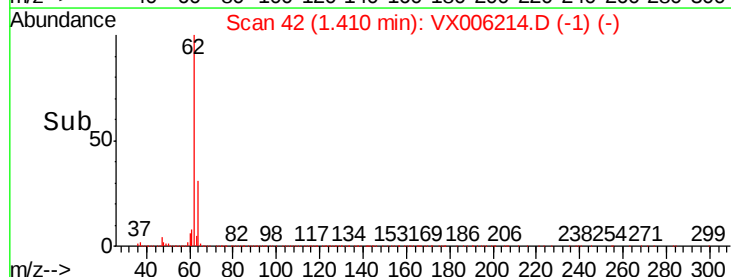
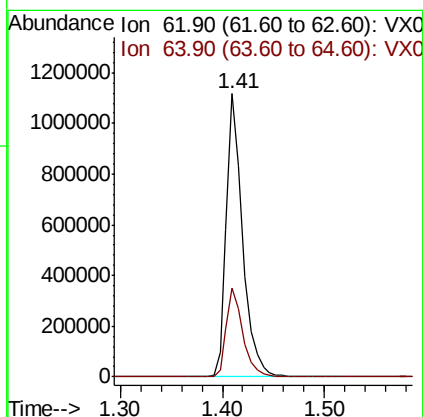
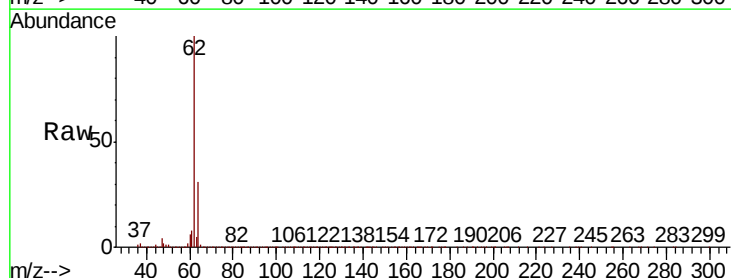
Acq: 29 Nov 2018 16:18

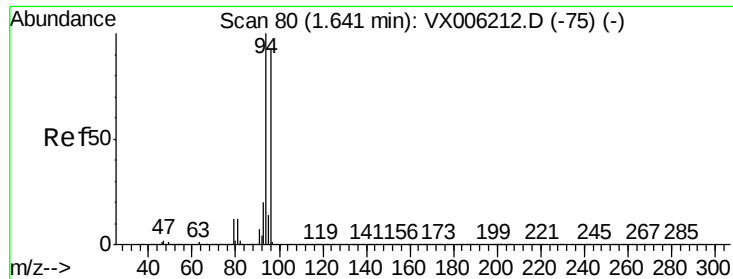
Tgt Ion: 62 Resp: 1235271

Ion Ratio Lower Upper

62 100

64 31.4 24.9 37.3





#5

Bromomethane

Concen: 144.387 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 94 Resp: 842962

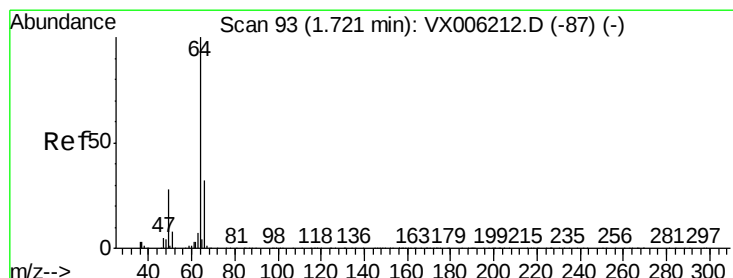
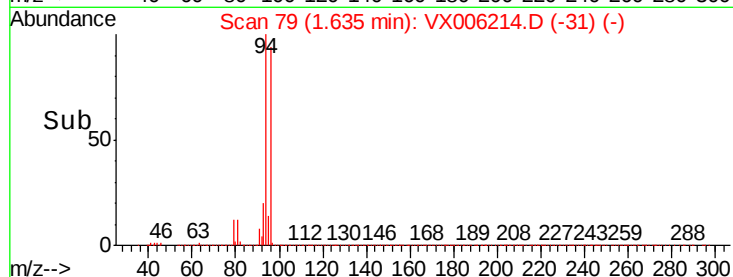
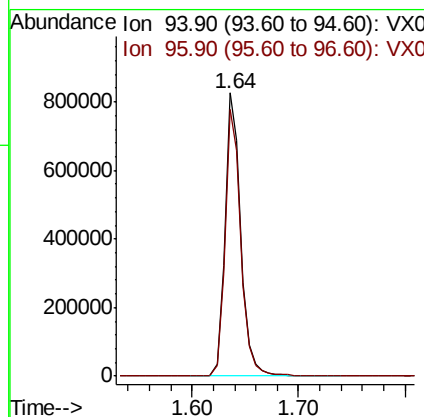
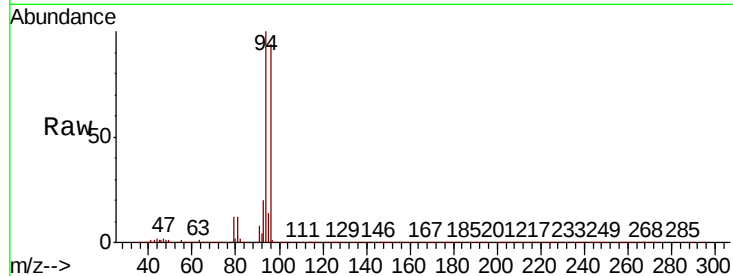
Ion Ratio Lower Upper

94 100

96 94.0 74.5 111.7

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#6

Chloroethane

Concen: 136.112 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX006214.D

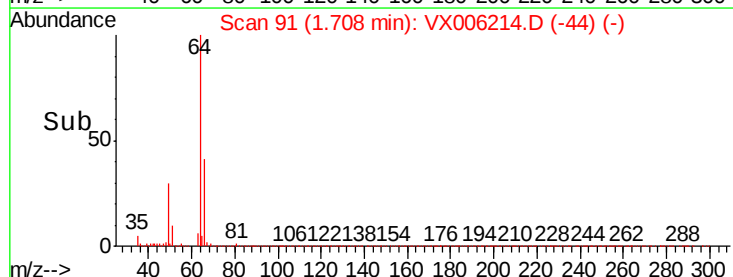
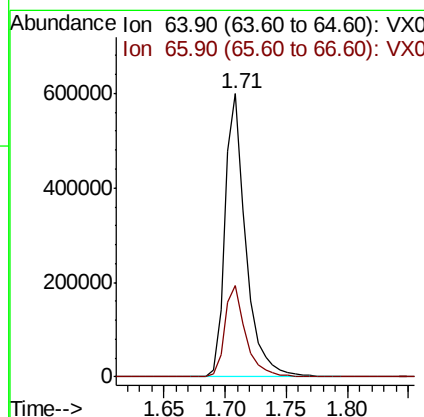
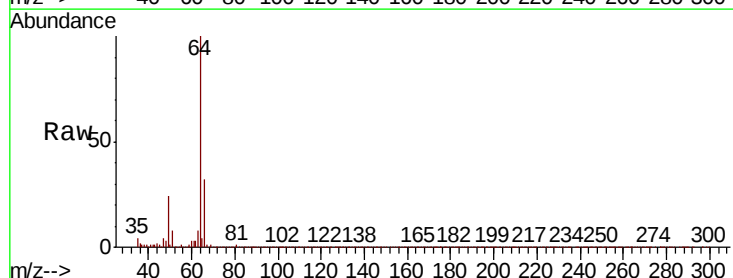
Acq: 29 Nov 2018 16:18

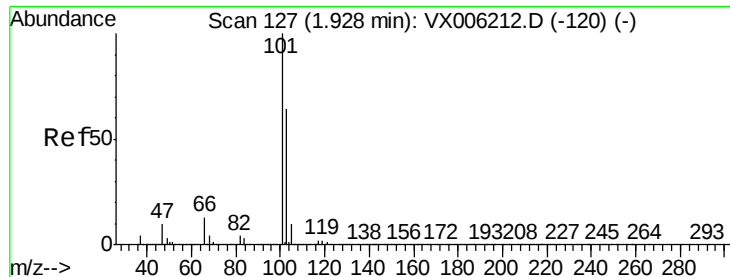
Tgt Ion: 64 Resp: 703040

Ion Ratio Lower Upper

64 100

66 32.2 25.9 38.9





#7

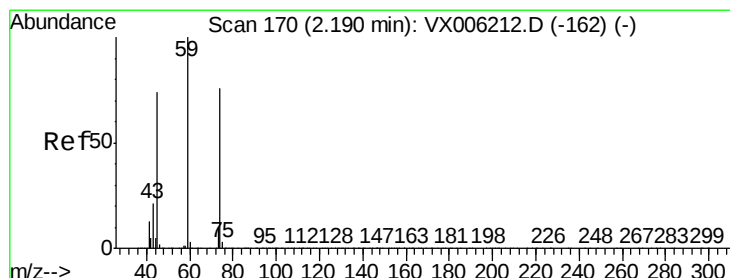
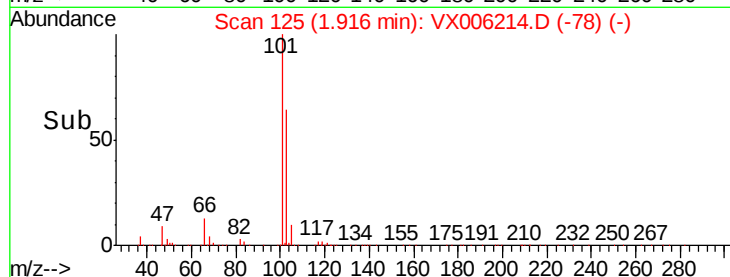
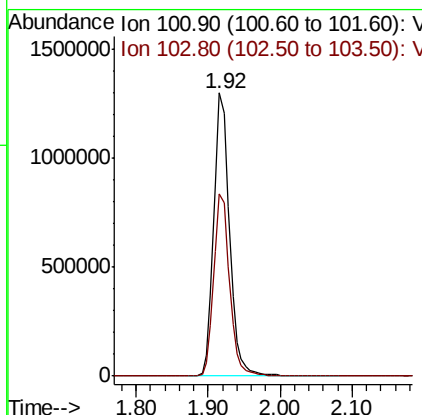
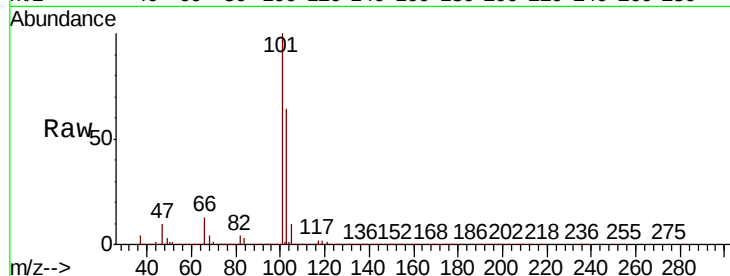
Trichlorofluoromethane
Concen: 152.472 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 1971655
Ion Ratio Lower Upper
101 100
103 64.3 51.0 76.4

Manual Integrations
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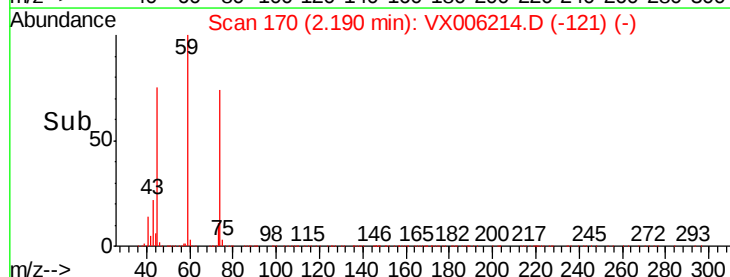
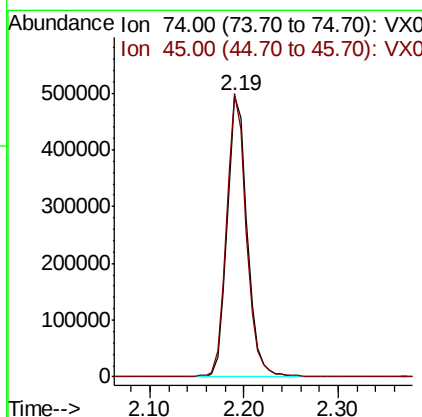
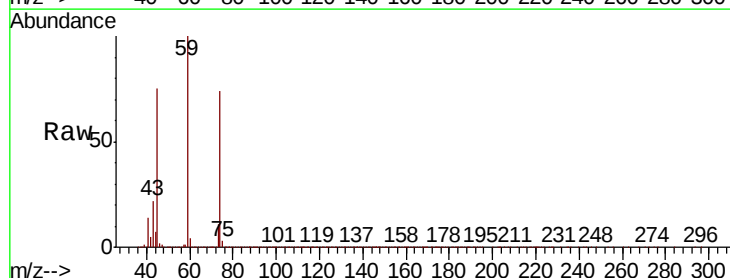
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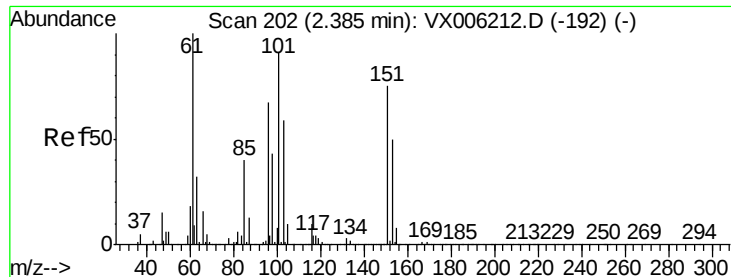


#8

Diethyl Ether
Concen: 148.549 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Tgt Ion: 74 Resp: 726999
Ion Ratio Lower Upper
74 100
45 99.6 49.5 148.7





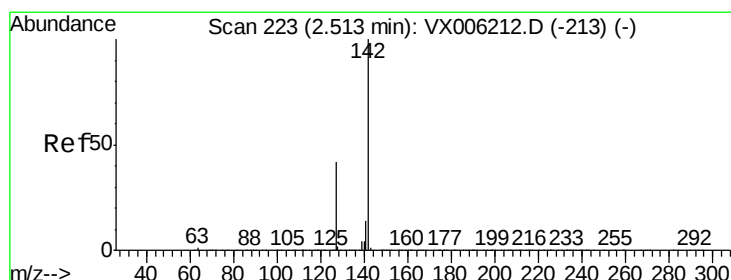
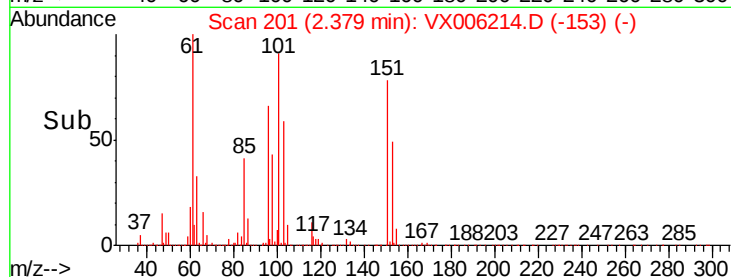
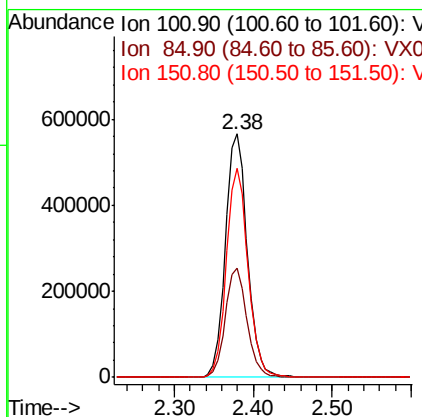
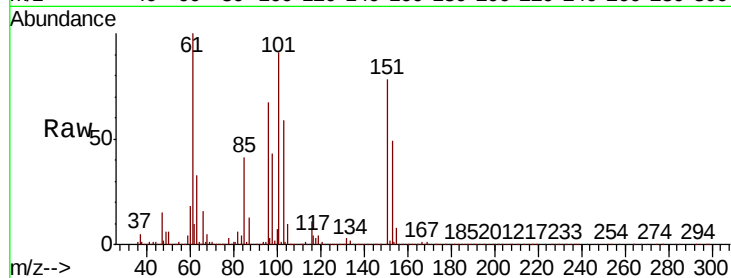
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 148.408 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. -0.01 min
 Lab File: VX006214.D
 Acq: 29 Nov 2018 16:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:101 Resp: 1091234
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.5 53.3
 151 85.1 68.6 103.0

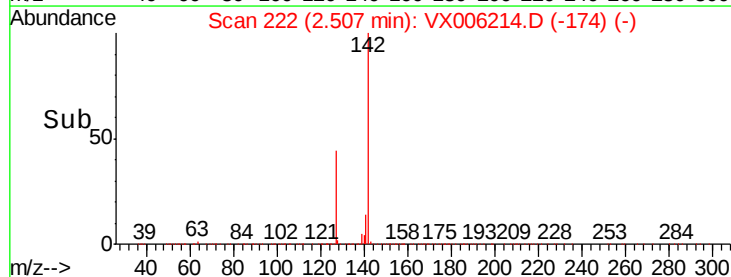
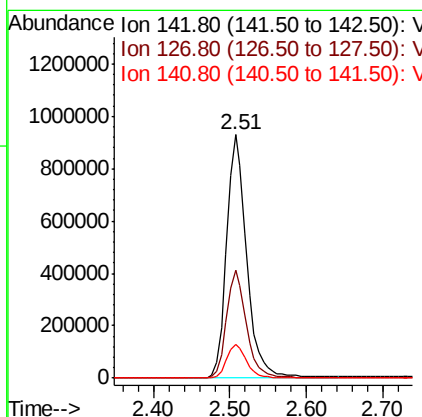
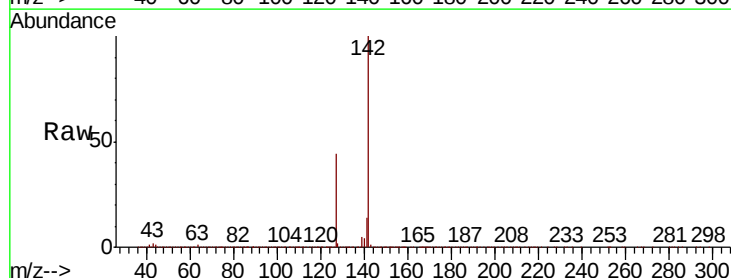
Manual Integrations
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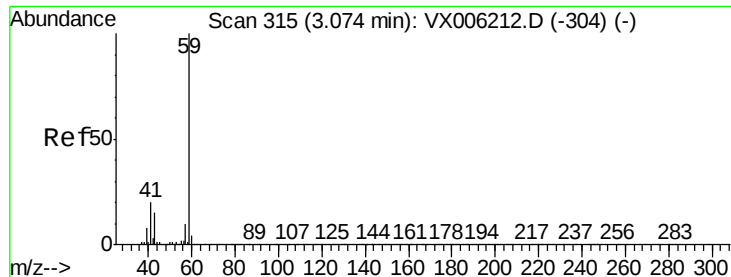
MMDadoda
 11/30/2018 10:13:20 AM



#10
 Methyl Iodide
 Concen: 153.076 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VX006214.D
 Acq: 29 Nov 2018 16:18

Tgt Ion:142 Resp: 1696262
 Ion Ratio Lower Upper
 142 100
 127 43.6 34.8 52.2
 141 13.8 11.4 17.2





#11

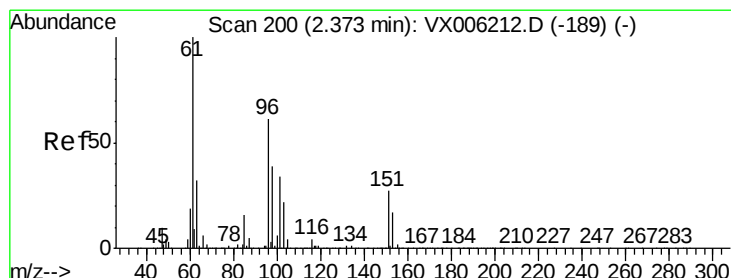
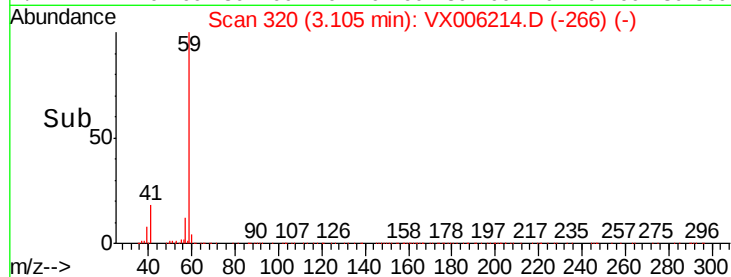
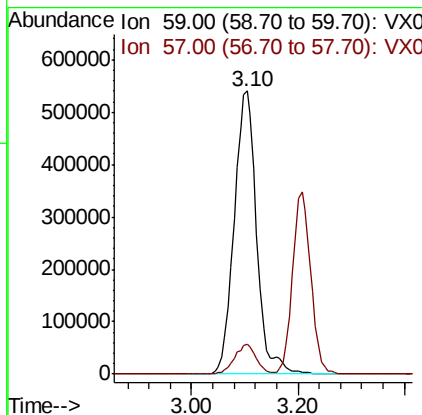
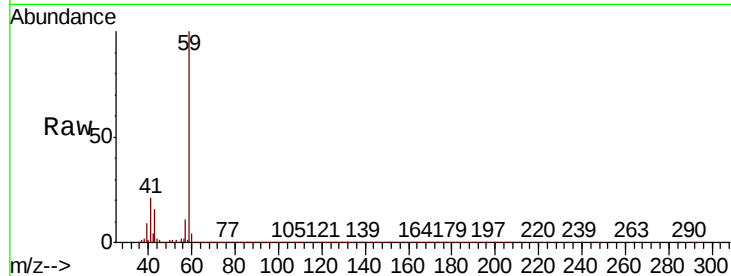
Tert butyl alcohol
Concen: 729.262 ug/l
RT: 3.10 min Scan# 320
Delta R.T. 0.03 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 1583757
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.2

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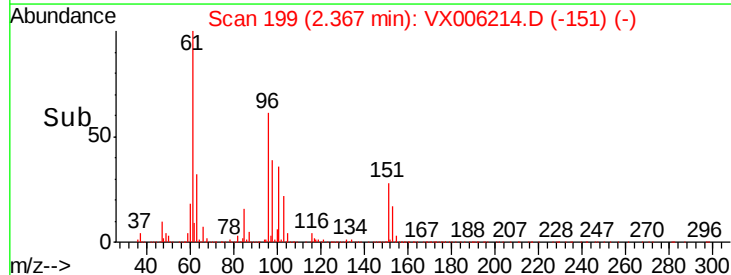
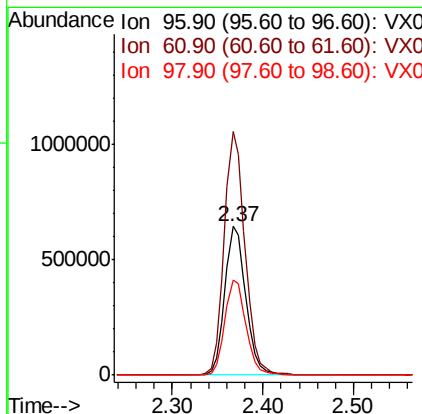
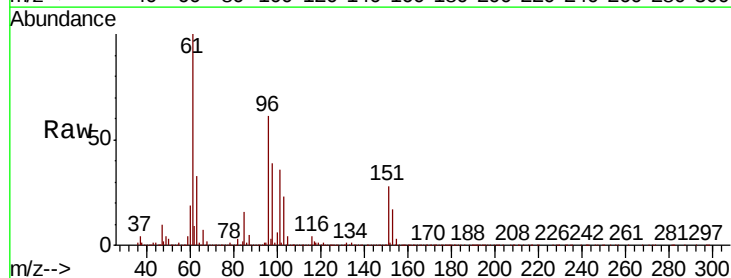
MMDadoda
11/30/2018 10:13:20 AM

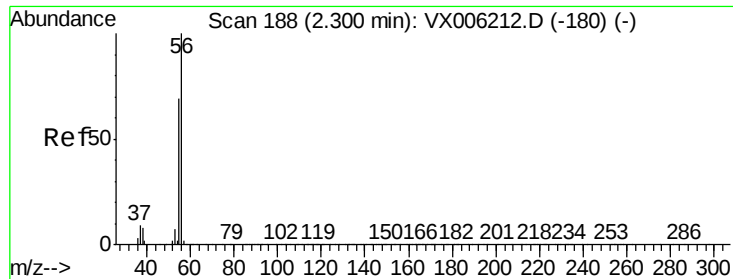


#12

1,1-Dichloroethene
Concen: 148.158 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Tgt Ion: 96 Resp: 1042881
Ion Ratio Lower Upper
96 100
61 164.0 131.7 197.5
98 64.3 51.8 77.6





#13

Acrolein

Concen: 755.774 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 56 Resp: 897093

Ion Ratio Lower Upper

56 100

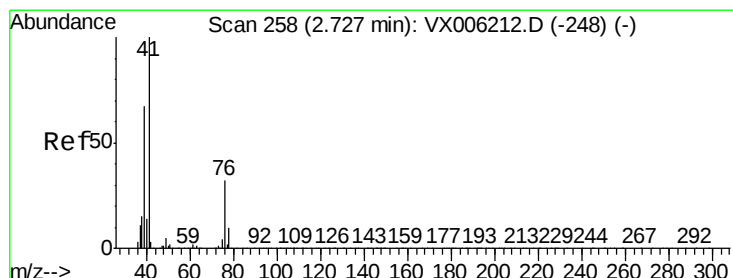
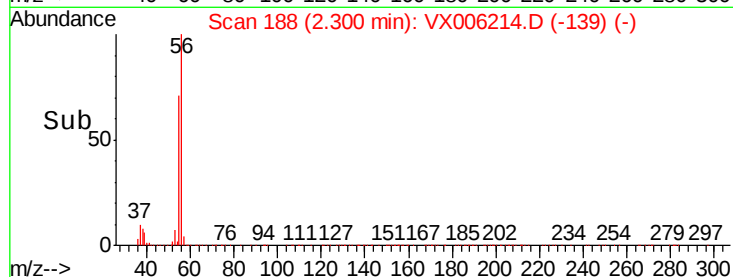
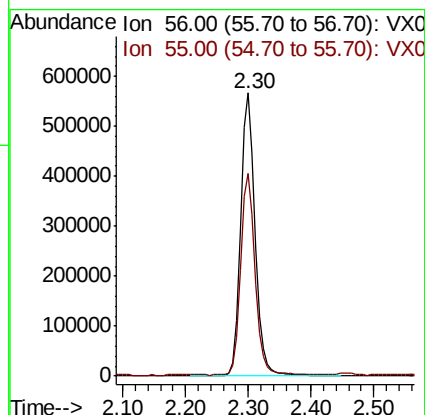
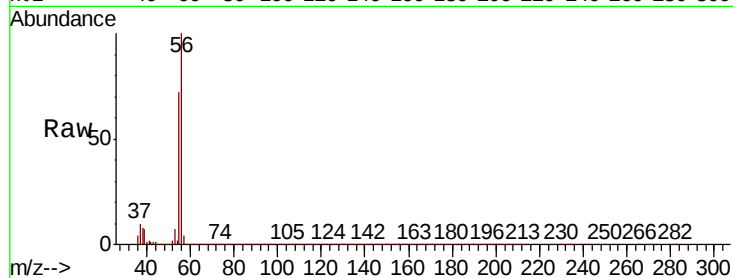
55 71.4 57.8 86.6

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#14

Allyl chloride

Concen: 148.597 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

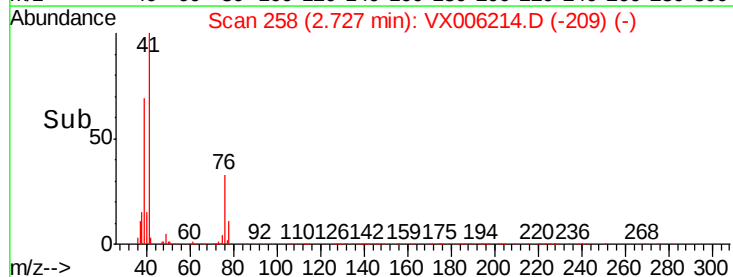
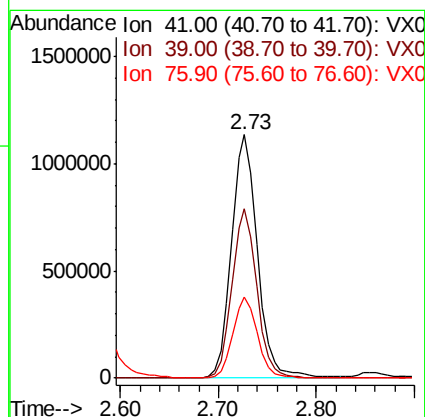
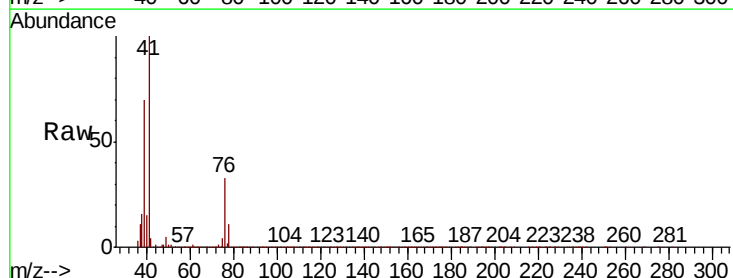
Tgt Ion: 41 Resp: 2066209

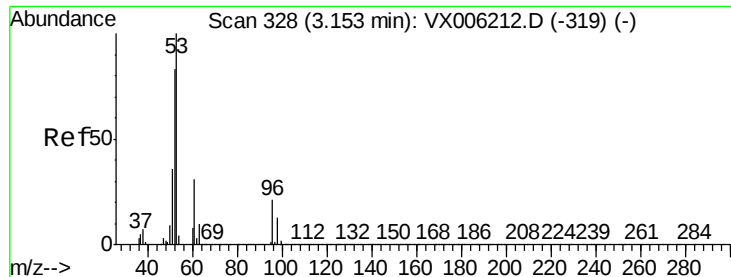
Ion Ratio Lower Upper

41 100

39 66.9 52.4 78.6

76 32.0 25.4 38.0





#15

Acrylonitrile

Concen: 734.332 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.01 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

Instrument :

MSVOA_X

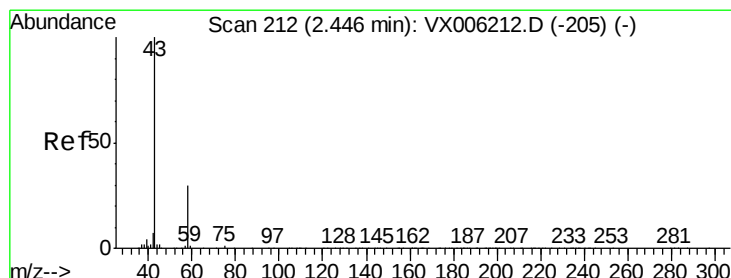
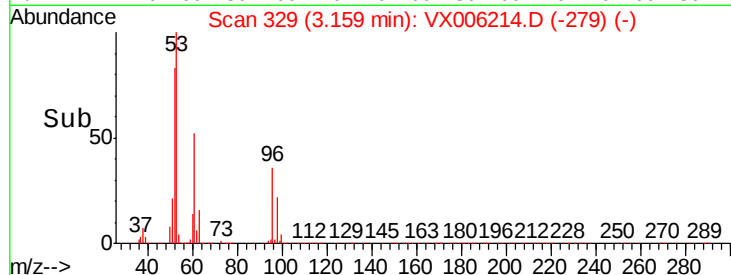
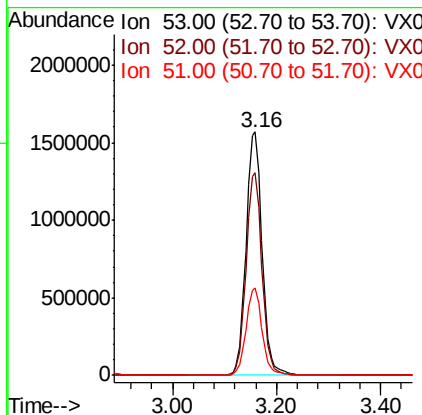
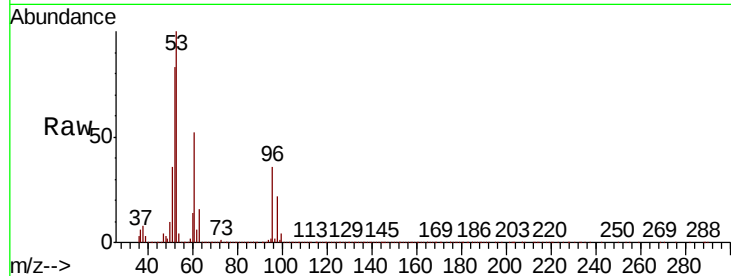
ClientSampleId :

VSTDIC150

Tgt Ion:	53	Resp:	3327896
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.2	99.4
51	36.3	28.7	43.1

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#16

Acetone

Concen: 736.289 ug/l

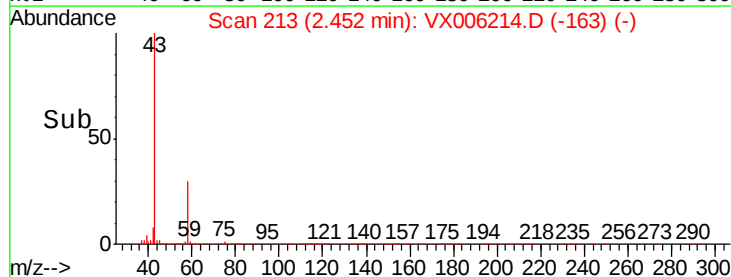
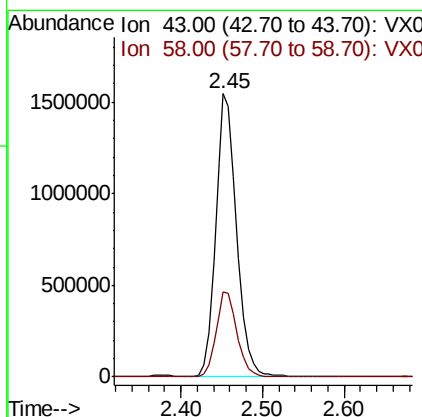
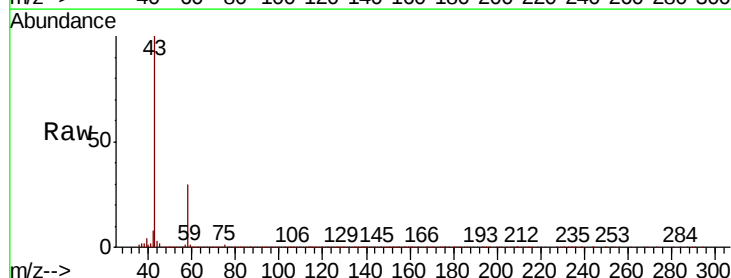
RT: 2.45 min Scan# 213

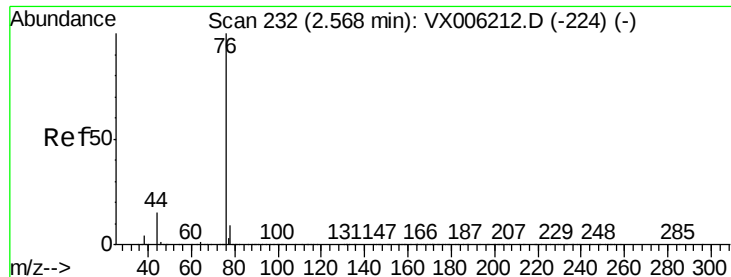
Delta R.T. 0.01 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

Tgt Ion:	43	Resp:	2743950
Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.0	36.0





#17

Carbon Disulfide

Concen: 150.917 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 3273396

Ion Ratio Lower Upper

76 100

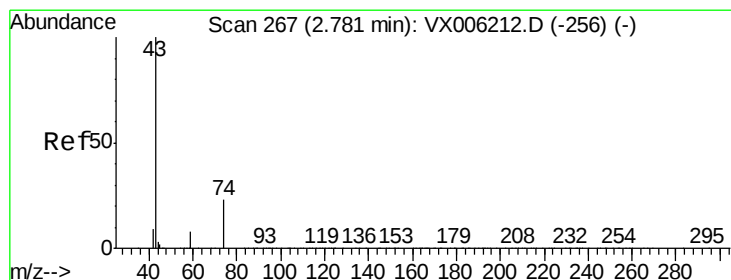
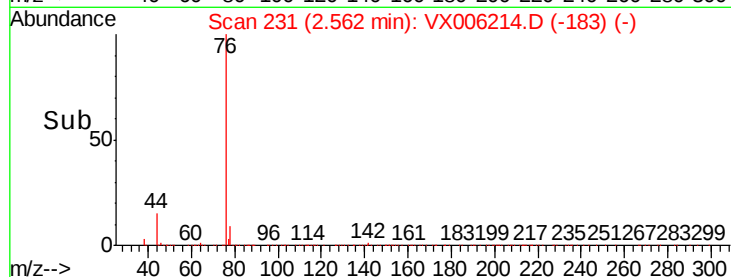
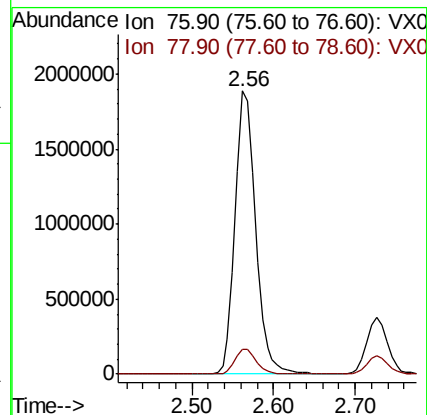
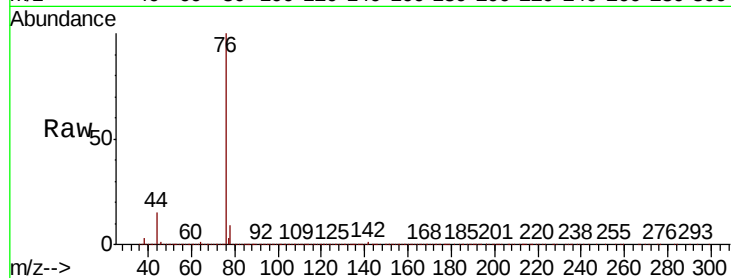
78 8.9 7.1 10.7

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#18

Methyl Acetate

Concen: 146.240 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX006214.D

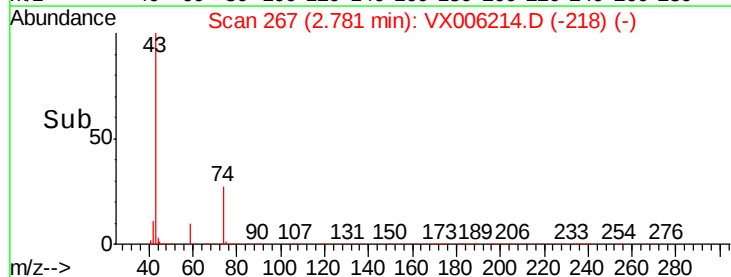
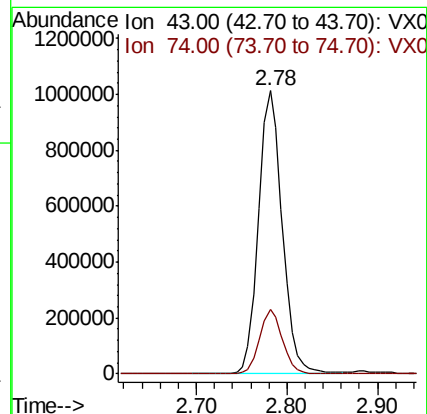
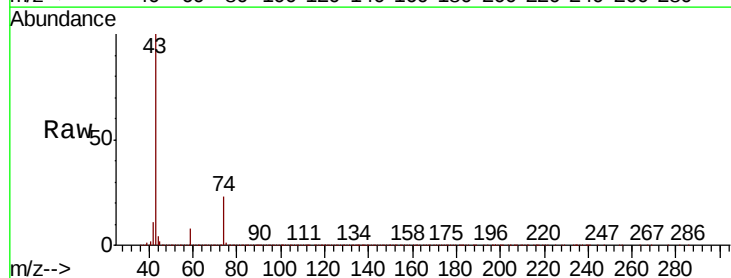
Acq: 29 Nov 2018 16:18

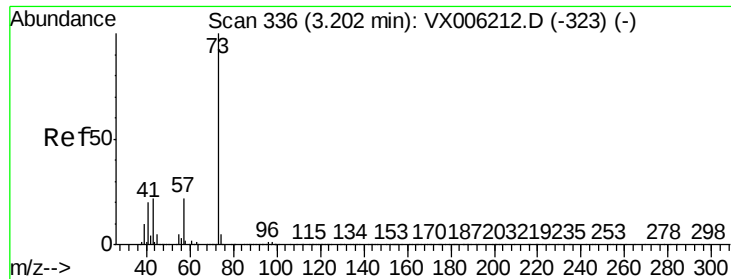
Tgt Ion: 43 Resp: 1822583

Ion Ratio Lower Upper

43 100

74 22.3 17.9 26.9





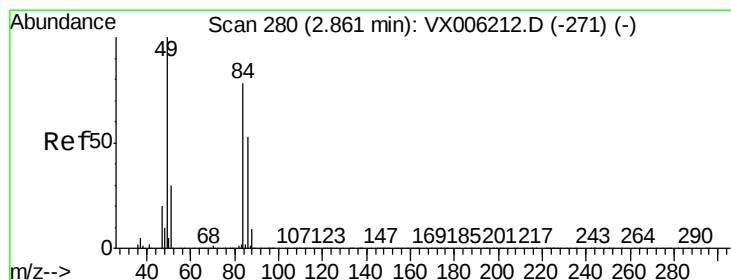
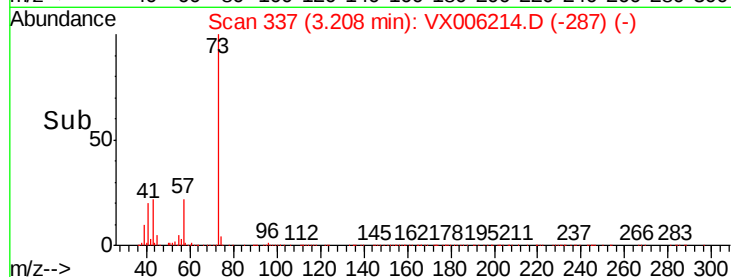
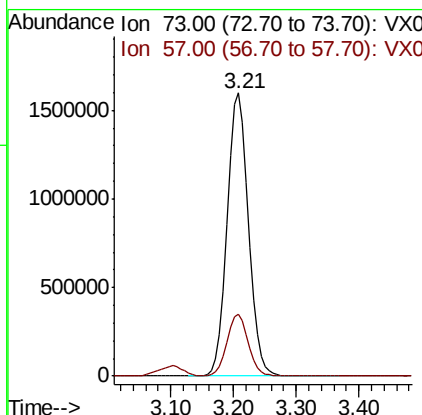
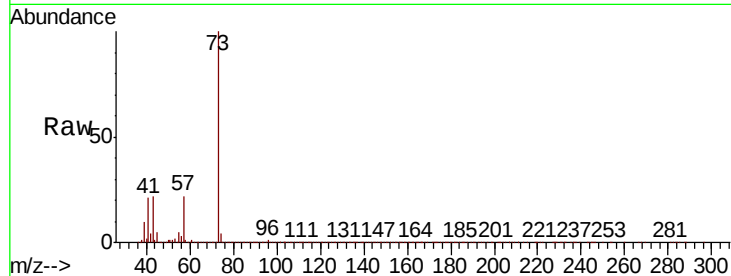
#19
Methyl tert-butyl Ether
Concen: 149.110 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 3744262
Ion Ratio Lower Upper
73 100
57 21.7 17.5 26.3

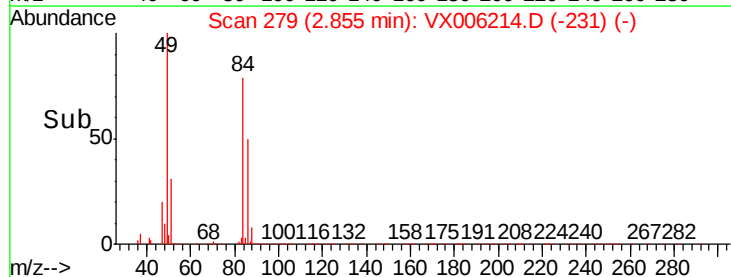
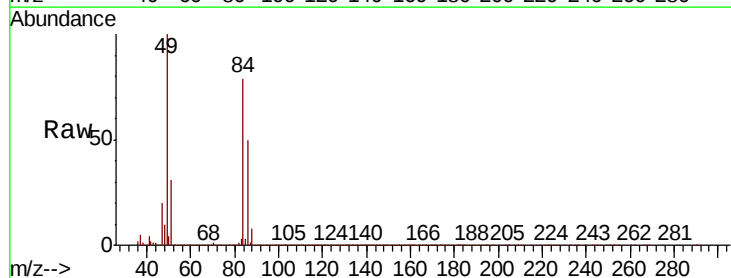
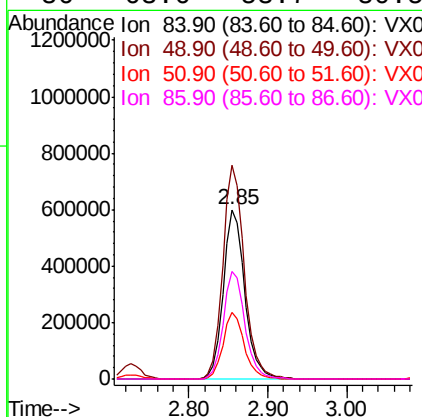
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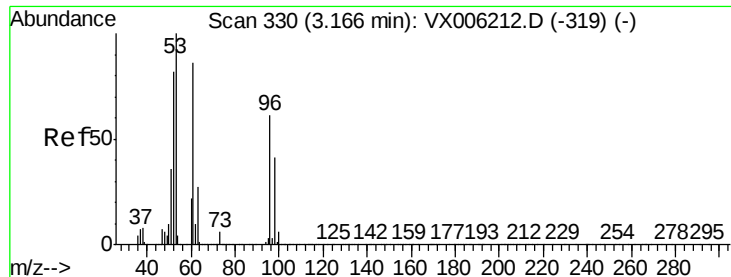
MMDadoda
11/30/2018 10:13:20 AM



#20
Methylene Chloride
Concen: 142.865 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Tgt Ion: 84 Resp: 1133121
Ion Ratio Lower Upper
84 100
49 126.2 102.2 153.4
51 39.0 31.1 46.7
86 63.6 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 148.347 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 96 Resp: 1112780

Ion Ratio Lower Upper

96 100

61 143.2 113.3 169.9

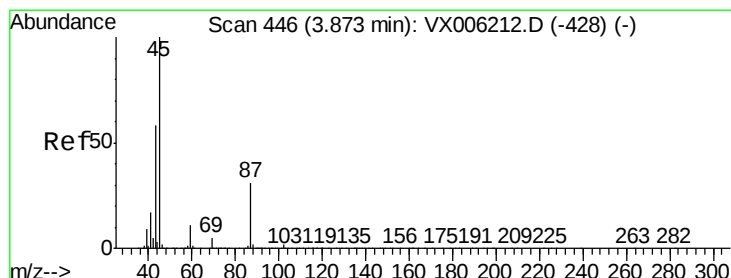
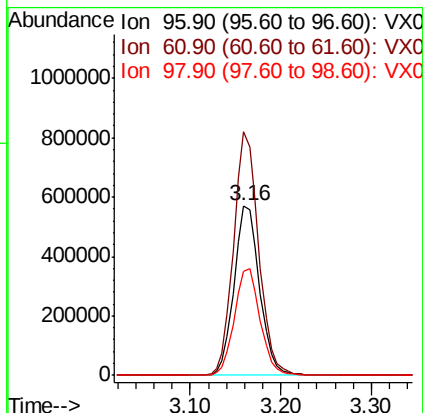
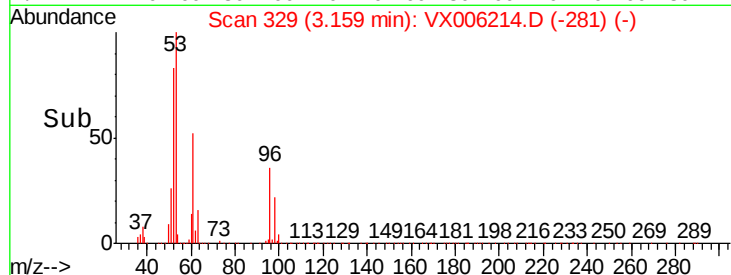
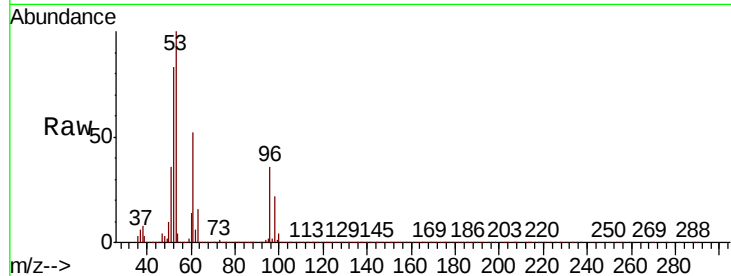
98 61.5 53.2 79.8

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#22

Diisopropyl ether

Concen: 149.057 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

Tgt Ion: 45 Resp: 3237304

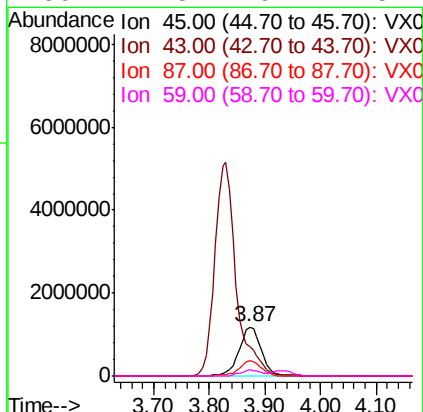
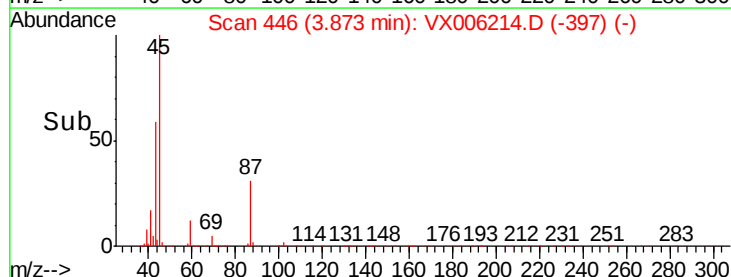
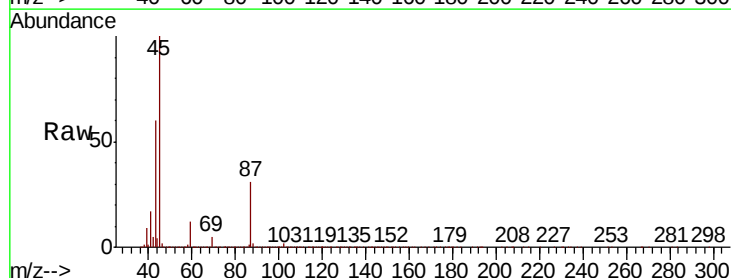
Ion Ratio Lower Upper

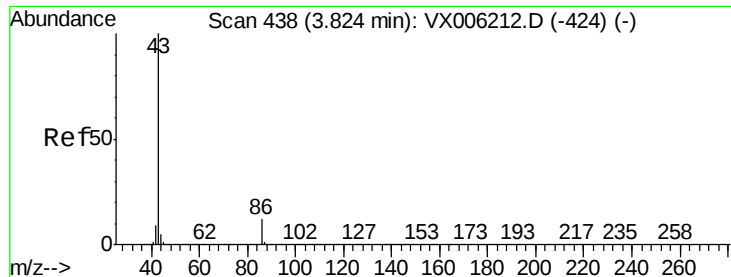
45 100

43 59.3 46.2 69.2

87 30.8 24.9 37.3

59 11.8 9.1 13.7





#23

Vinyl Acetate

Concen: 743.175 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp:13766688

Ion Ratio Lower Upper

43 100

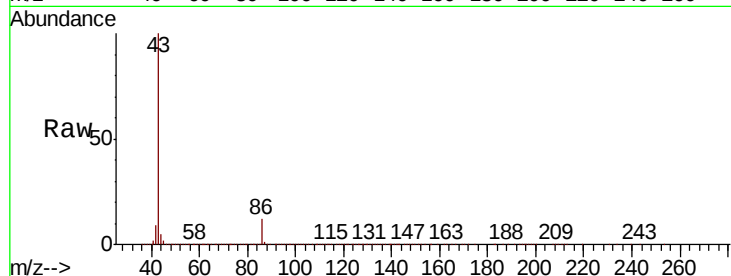
86 12.0 9.4 14.0

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

6000000

5000000

4000000

3000000

2000000

1000000

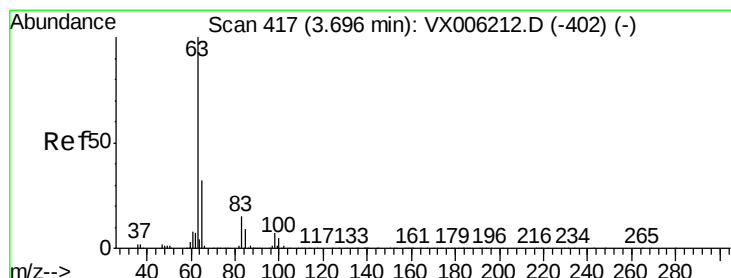
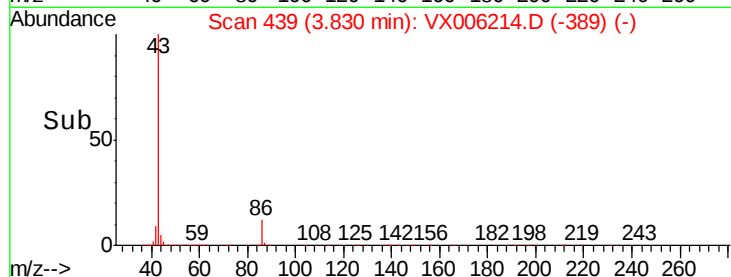
0

3.83

3.80

4.00

Time-->



#24

1,1-Dichloroethane

Concen: 145.107 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

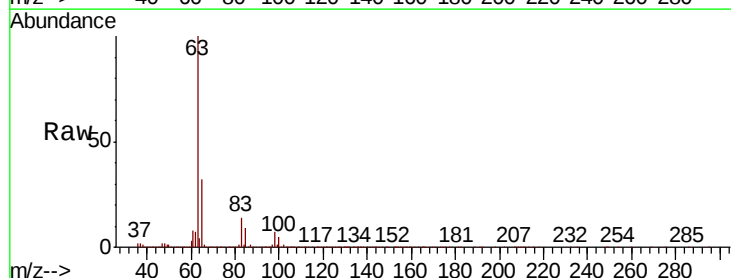
Tgt Ion: 63 Resp: 1801336

Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 4.6 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

1000000

800000

600000

400000

200000

0

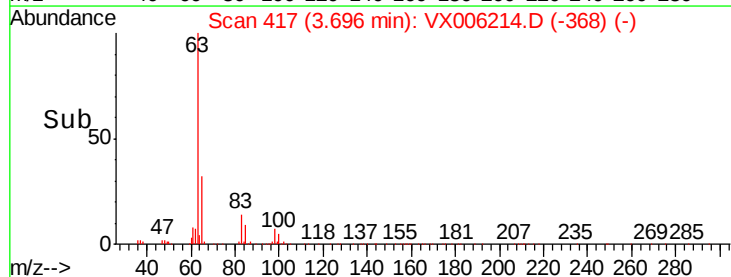
3.70

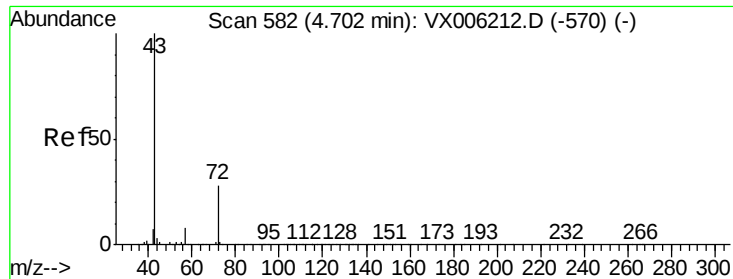
3.60

3.80

3.90

Time-->





#25

2-Butanone

Concen: 709.971 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 3775277

Ion Ratio Lower Upper

43 100

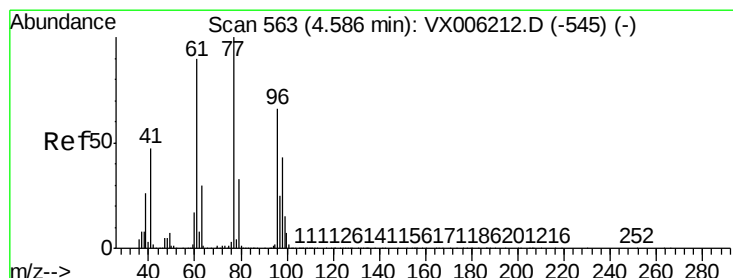
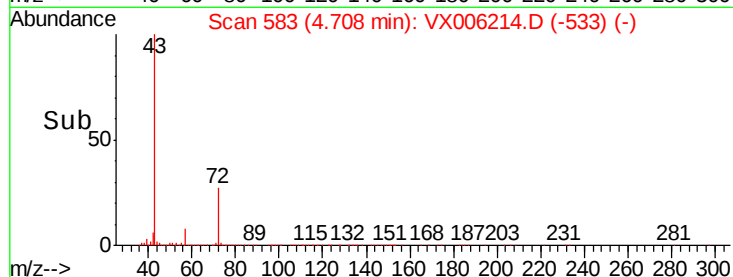
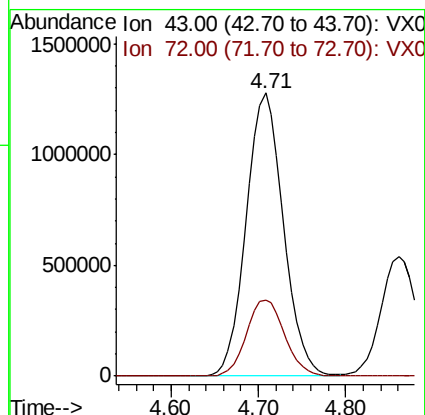
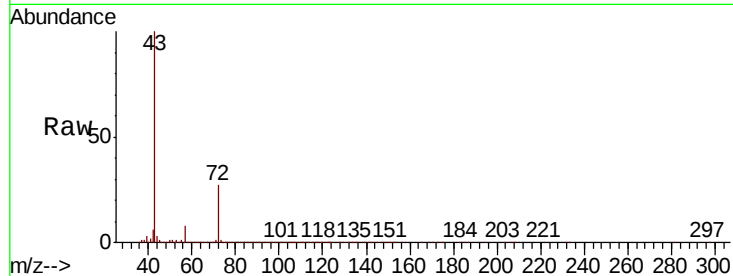
72 26.7 22.6 33.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 142.527 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006214.D

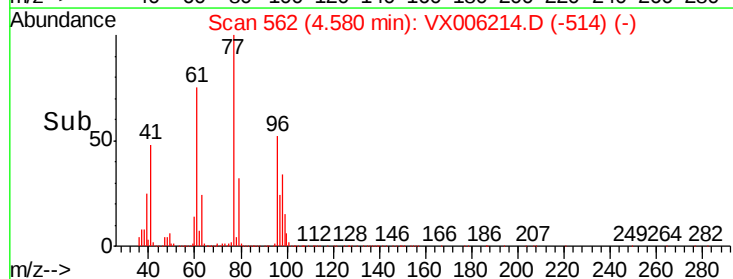
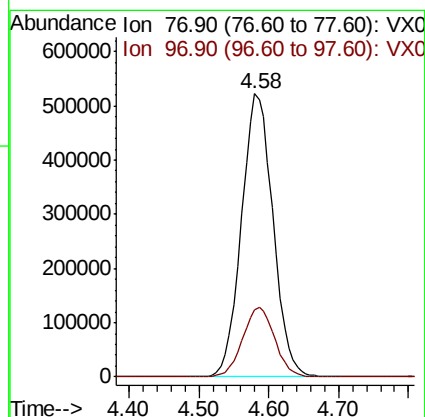
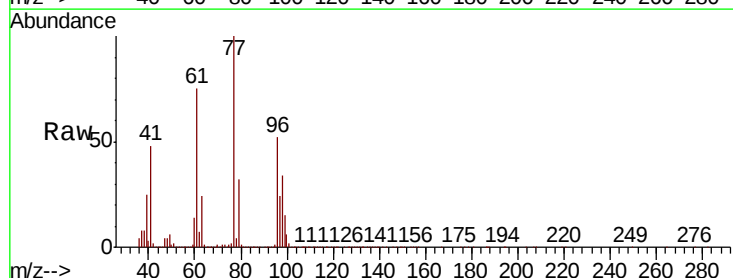
Acq: 29 Nov 2018 16:18

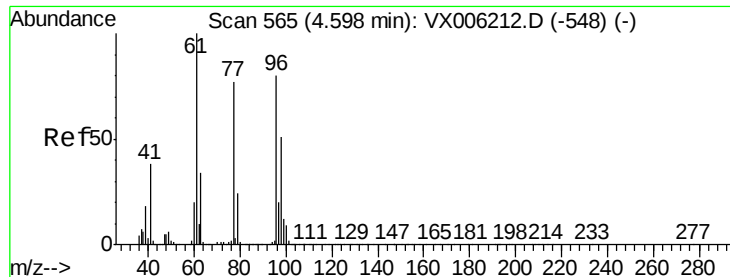
Tgt Ion: 77 Resp: 1632875

Ion Ratio Lower Upper

77 100

97 24.7 12.3 36.8





#27

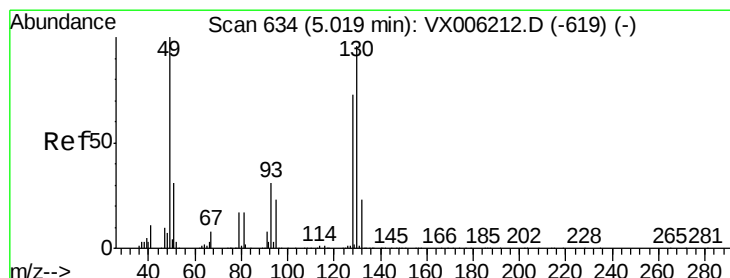
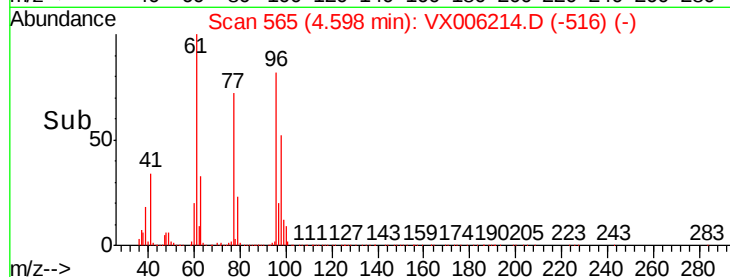
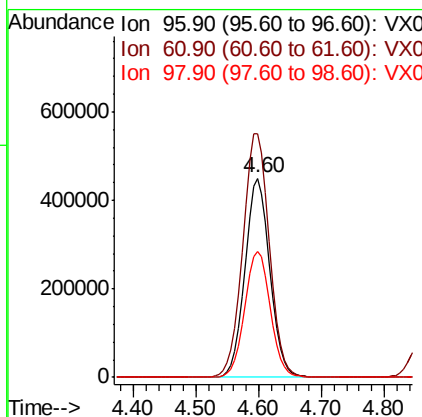
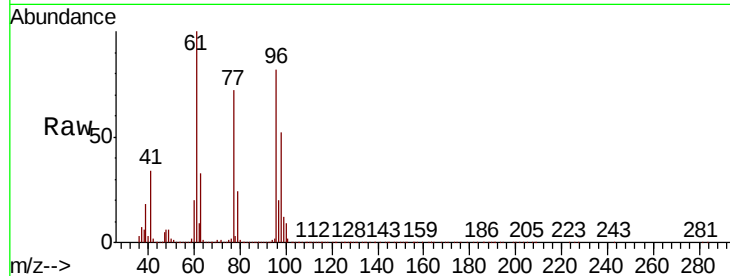
cis-1,2-Dichloroethene
Concen: 147.624 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
96	100		
61	130.9	0.0	265.0
98	64.9	0.0	130.2

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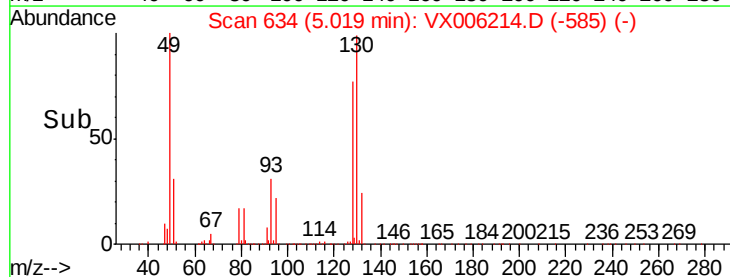
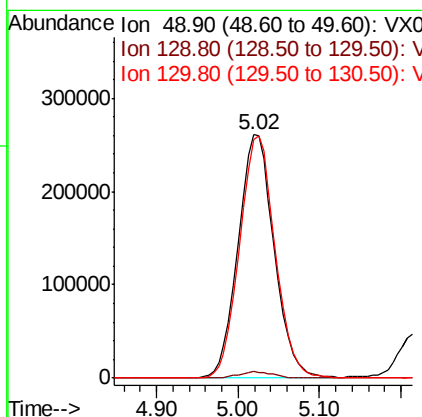
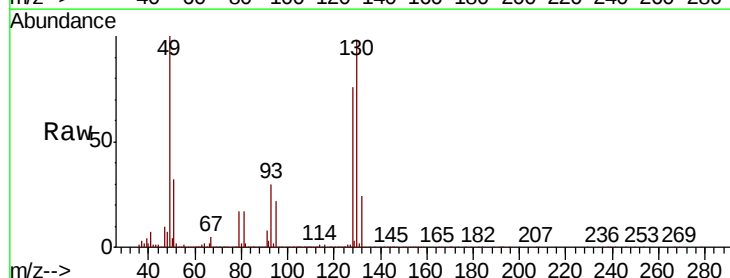
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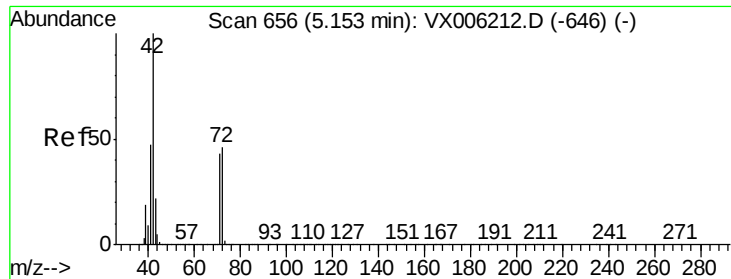


#28

Bromochloromethane
Concen: 147.386 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	98.2	78.3	117.5





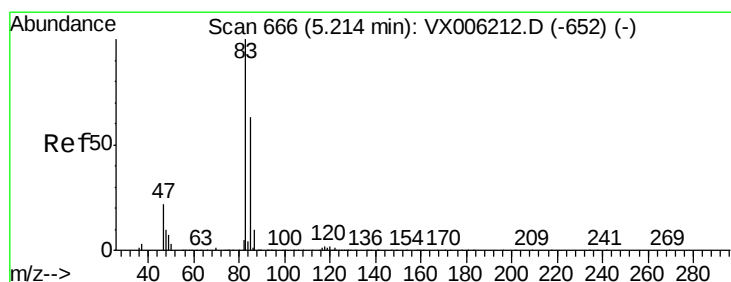
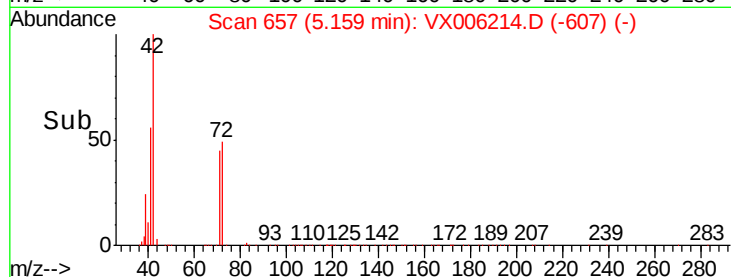
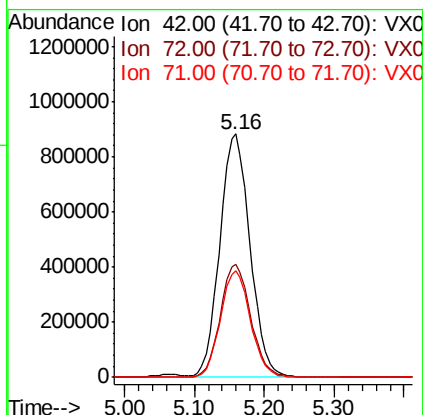
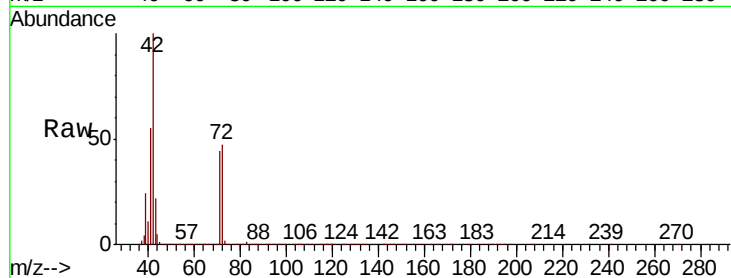
#29
Tetrahydrofuran
Concen: 715.110 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 42 Resp: 2642804
Ion Ratio Lower Upper
42 100
72 46.8 37.8 56.8
71 43.4 35.2 52.8

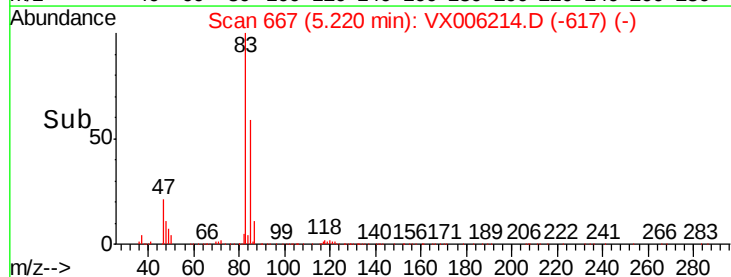
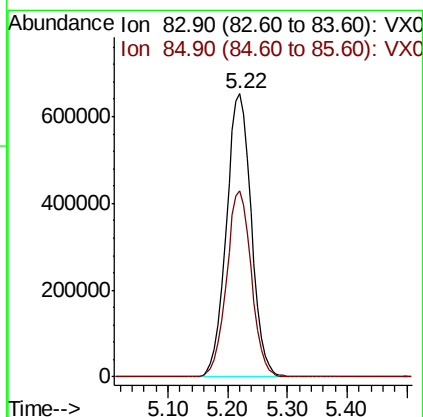
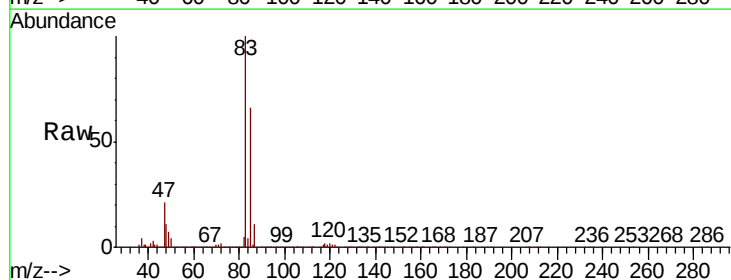
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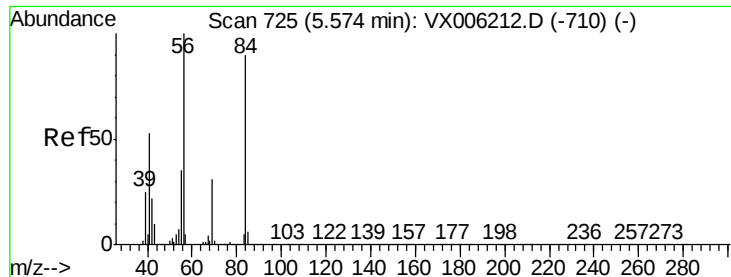
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#30
Chloroform
Concen: 145.083 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Tgt Ion: 83 Resp: 1892667
Ion Ratio Lower Upper
83 100
85 65.6 50.3 75.5





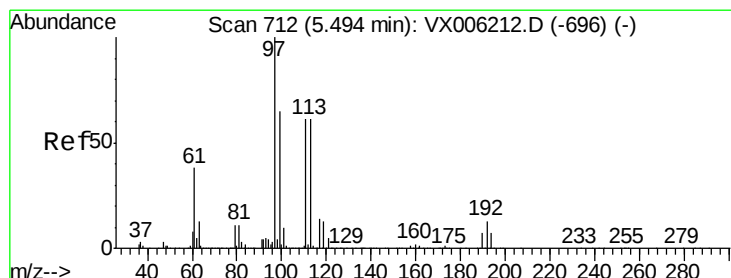
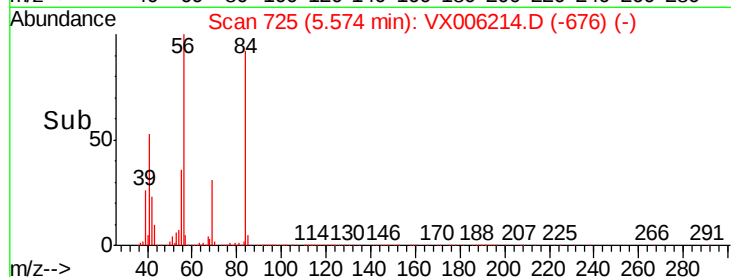
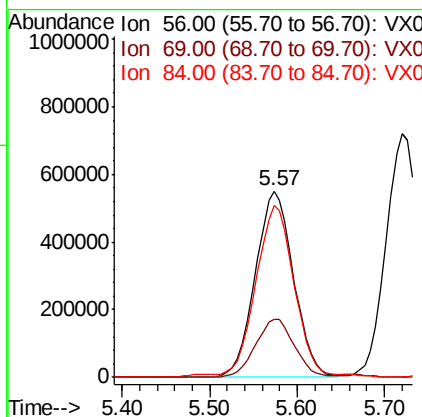
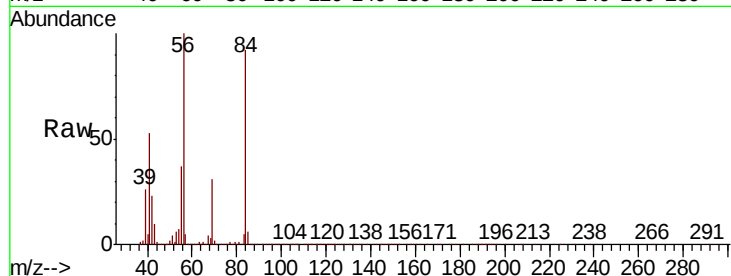
#31
Cyclohexane
Concen: 145.739 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 56 Resp: 1671968
Ion Ratio Lower Upper
56 100
69 31.3 24.5 36.7
84 91.4 71.8 107.6

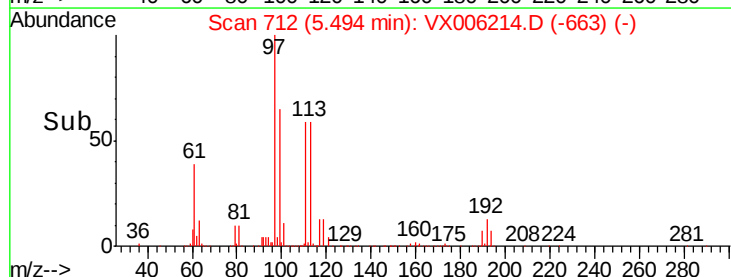
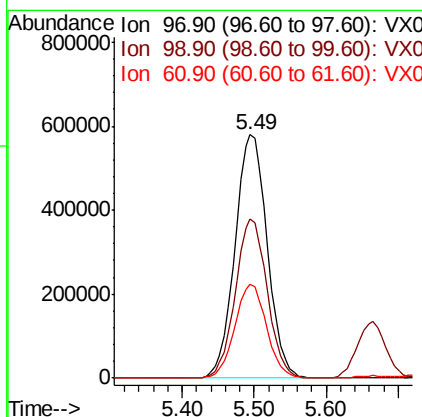
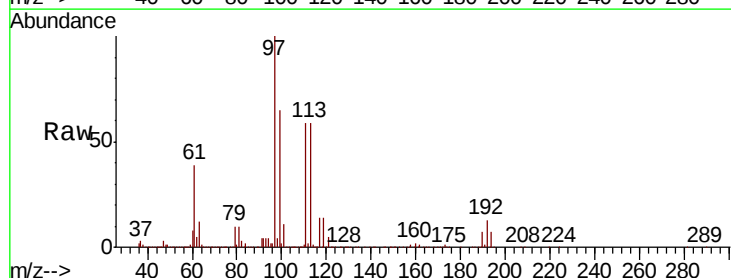
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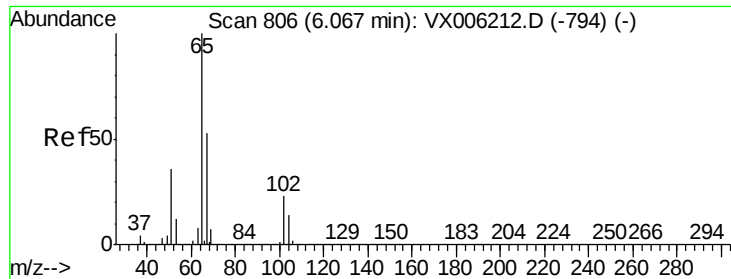
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#32
1,1,1-Trichloroethane
Concen: 144.467 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Tgt Ion: 97 Resp: 1793160
Ion Ratio Lower Upper
97 100
99 64.9 51.6 77.4
61 38.2 30.6 46.0





#33

1,2-Dichloroethane-d4

Concen: 144.524 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 1147685

Ion Ratio Lower Upper

65 100

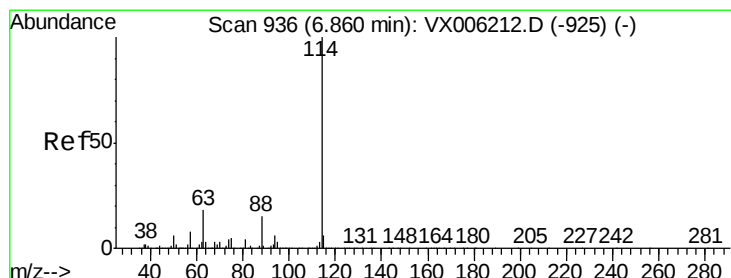
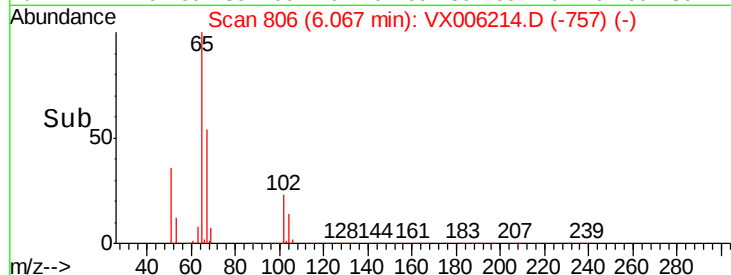
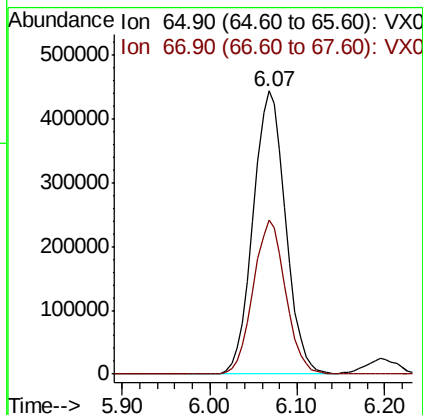
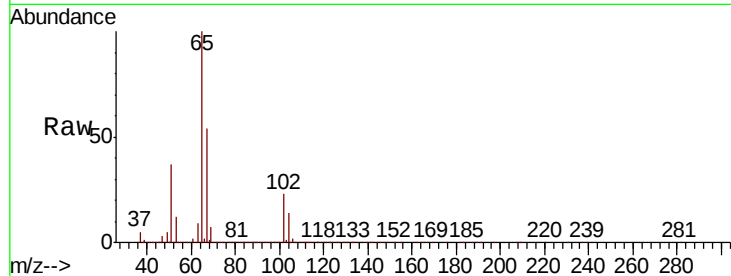
67 54.0 0.0 107.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

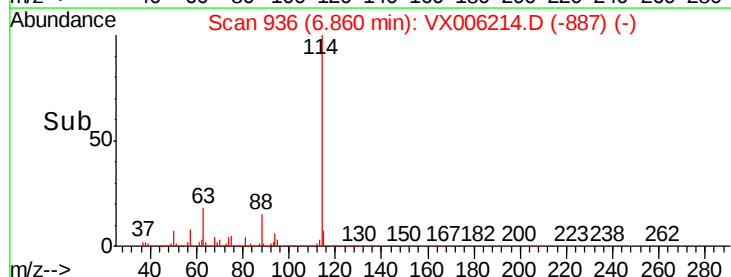
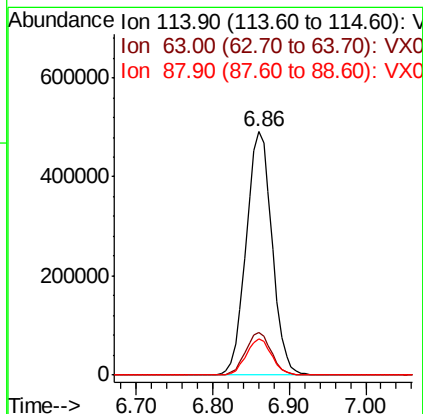
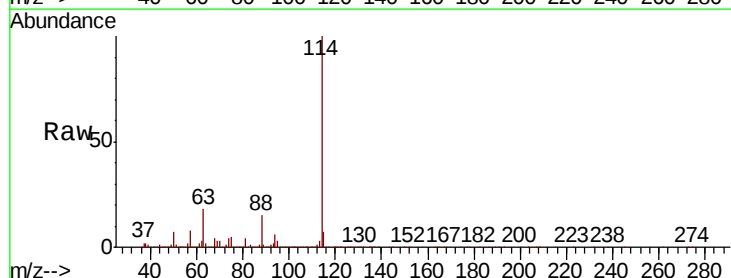
Tgt Ion: 114 Resp: 1156853

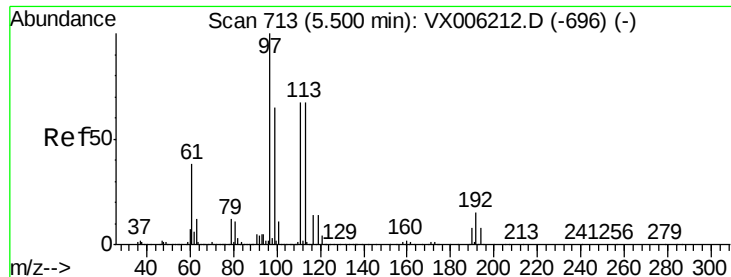
Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.6

88 14.8 0.0 29.0





#35

Dibromofluoromethane

Concen: 147.042 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:113 Resp: 1101372

Ion Ratio Lower Upper

113 100

111 102.0 81.1 121.7

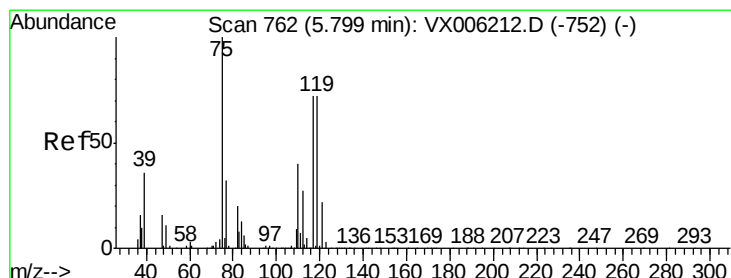
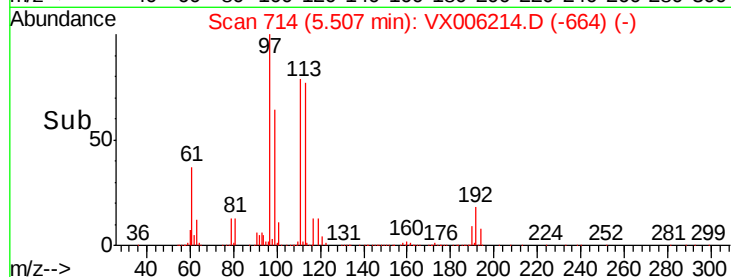
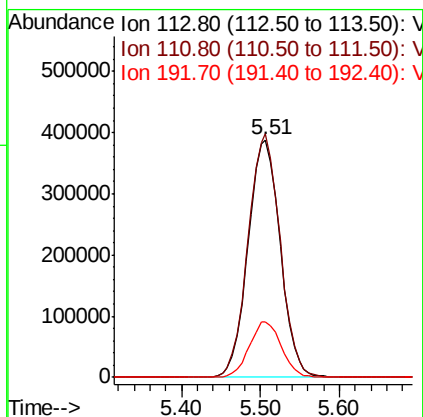
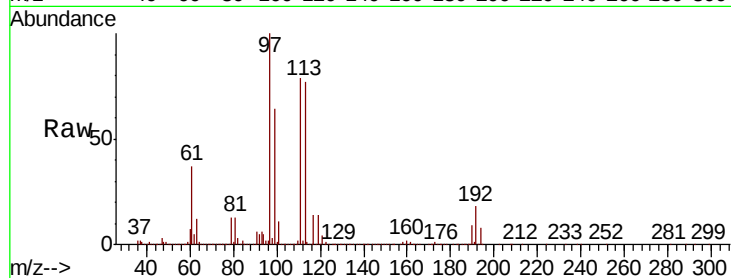
192 23.4 18.2 27.2

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#36

1,1-Dichloropropene

Concen: 147.378 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

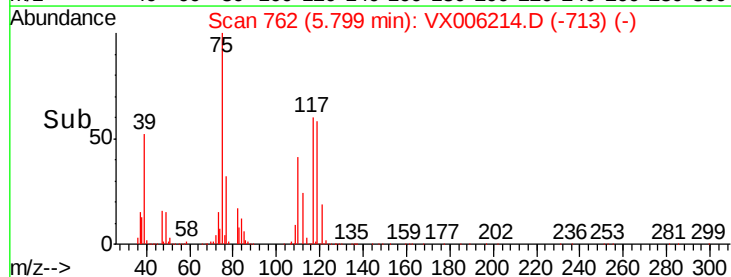
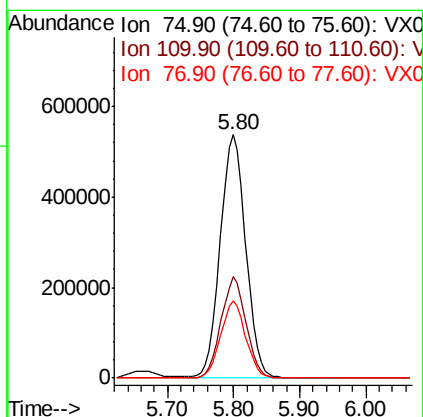
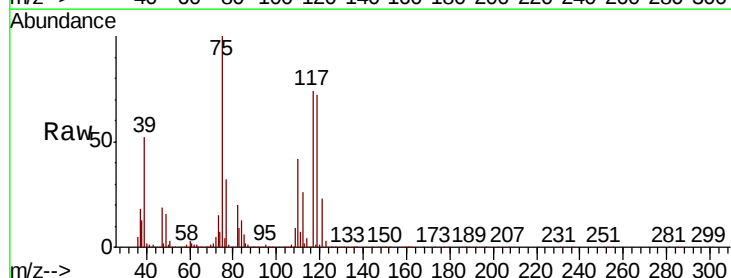
Tgt Ion: 75 Resp: 1435743

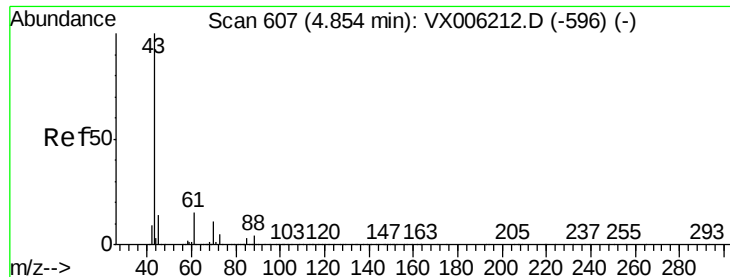
Ion Ratio Lower Upper

75 100

110 40.6 20.4 61.3

77 31.1 24.9 37.3





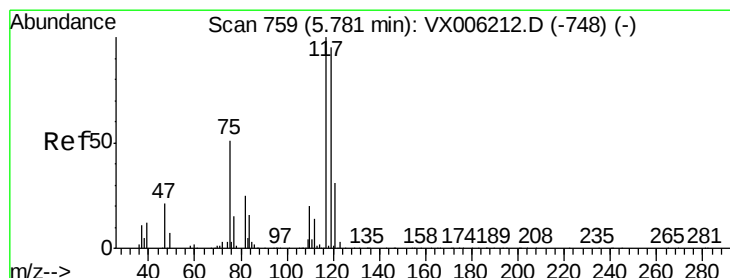
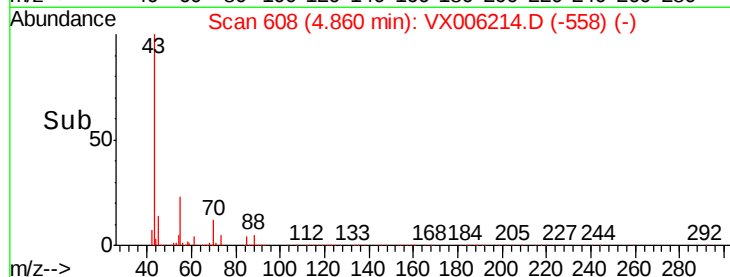
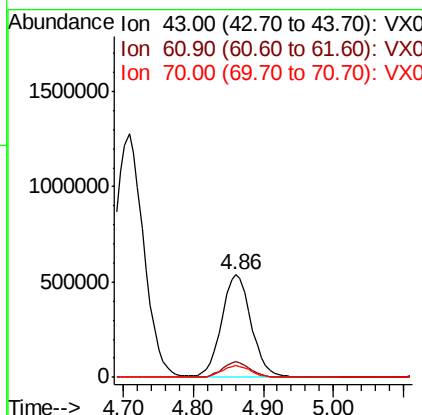
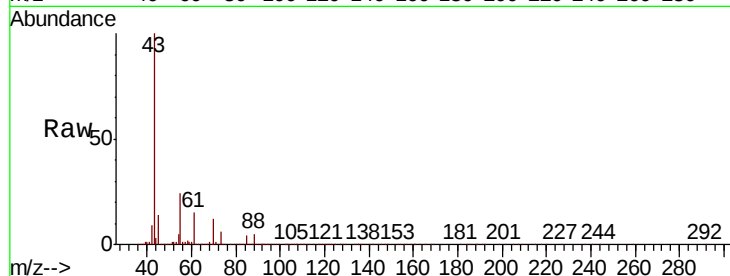
#37
Ethyl Acetate
Concen: 144.404 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 1575402
Ion Ratio Lower Upper
43 100
61 14.4 11.5 17.3
70 11.4 9.0 13.6

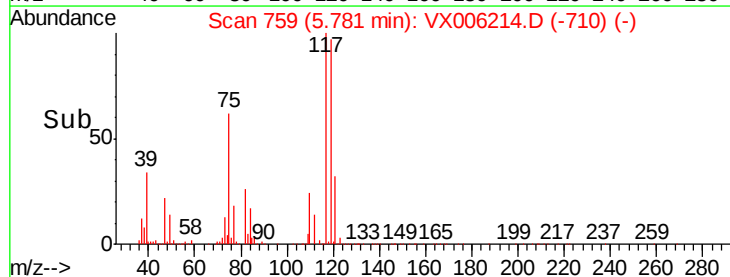
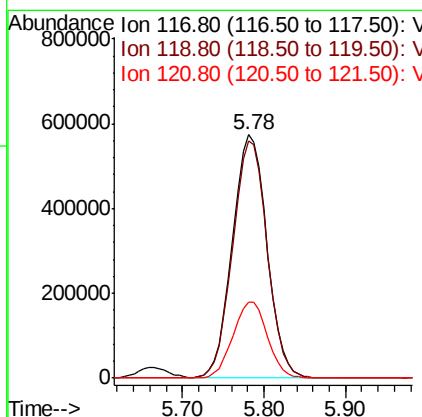
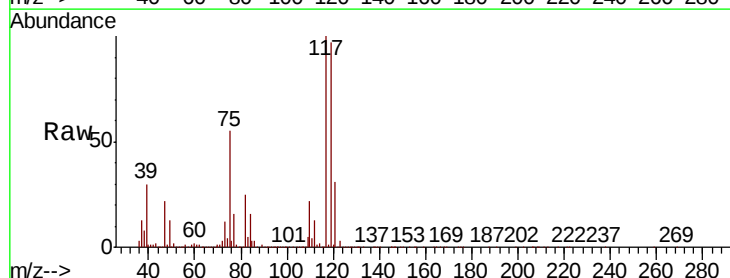
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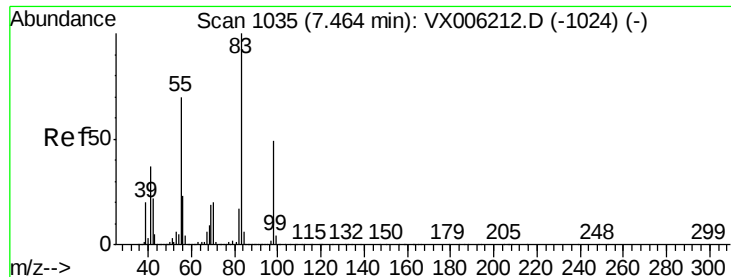
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#38
Carbon Tetrachloride
Concen: 146.578 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Tgt Ion: 117 Resp: 1679862
Ion Ratio Lower Upper
117 100
119 97.2 75.8 113.8
121 31.3 24.6 37.0





#39

Methylcyclohexane

Concen: 146.619 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 1854053

Ion Ratio Lower Upper

83 100

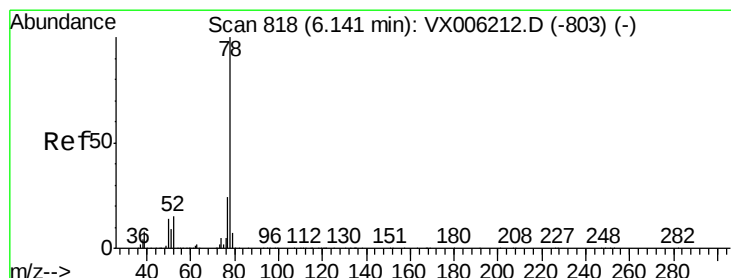
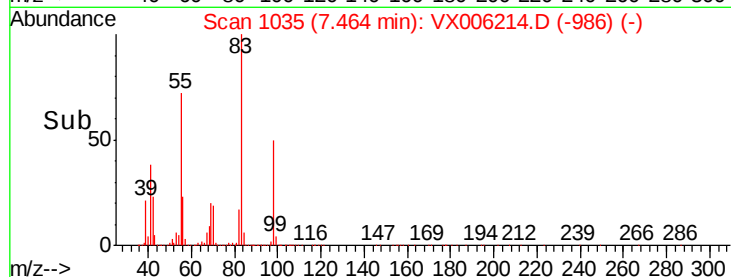
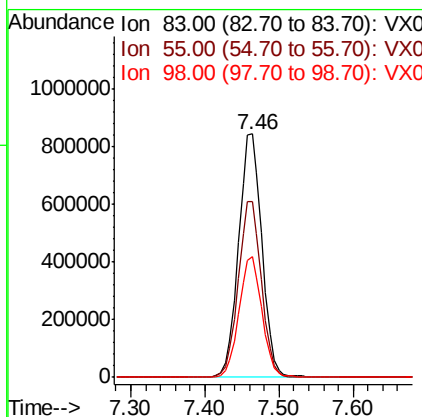
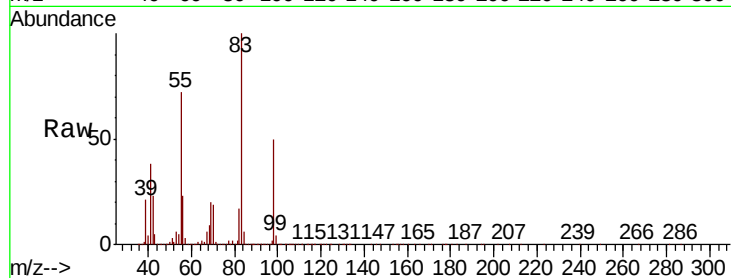
55 71.9 56.4 84.6

98 49.6 39.0 58.6

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#40

Benzene

Concen: 147.078 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX006214.D

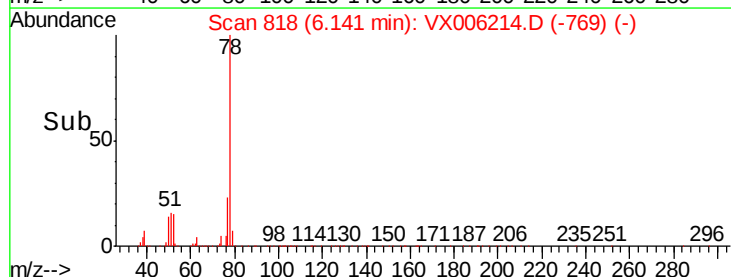
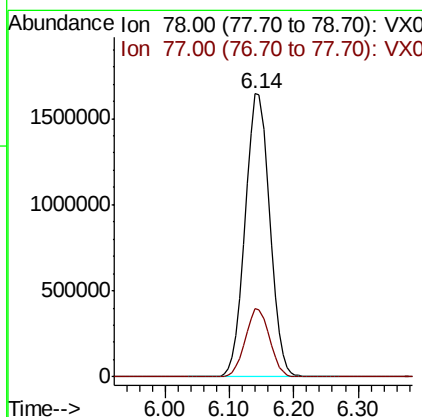
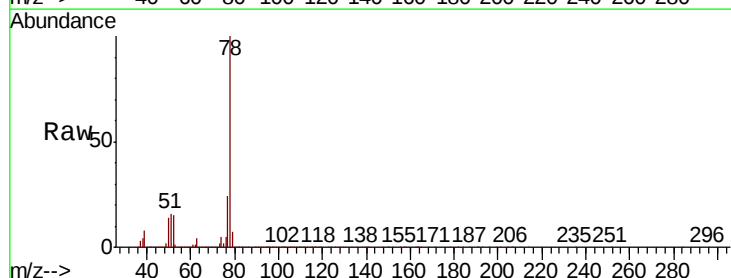
Acq: 29 Nov 2018 16:18

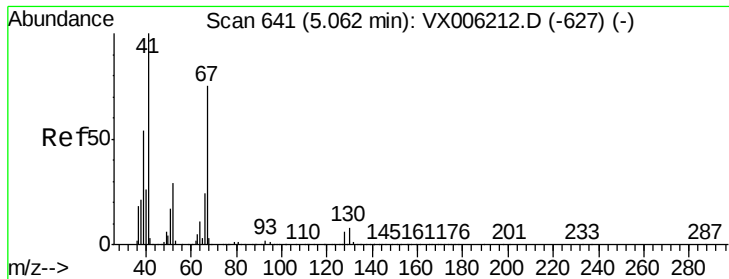
Tgt Ion: 78 Resp: 4291414

Ion Ratio Lower Upper

78 100

77 24.1 19.2 28.8





#41

Methacrylonitrile

Concen: 142.646 ug/l

RT: 5.07 min Scan# 642

Delta R.T. 0.01 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

Instrument :

MSVOA_X

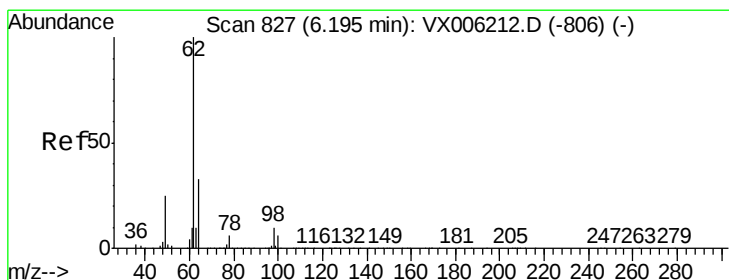
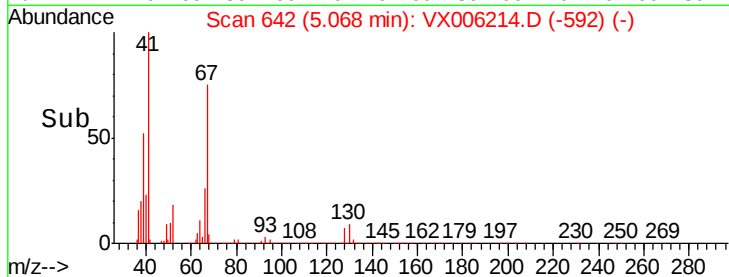
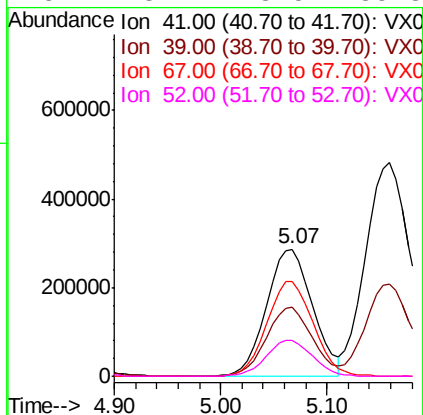
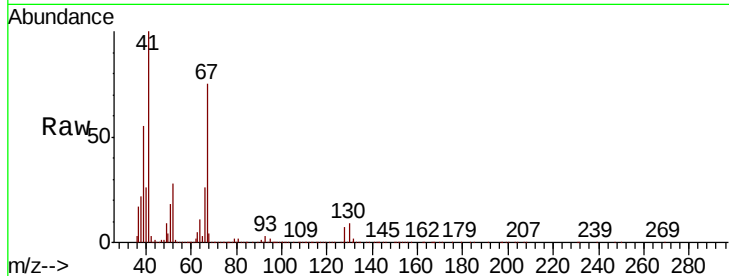
ClientSampleId :

VSTDIC150

Tgt Ion:	41	Resp:	856313
Ion	Ratio	Lower	Upper
41	100		
39	54.3	44.0	66.0
67	75.3	61.4	92.0
52	28.7	23.5	35.3

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#42

1,2-Dichloroethane

Concen: 148.546 ug/l

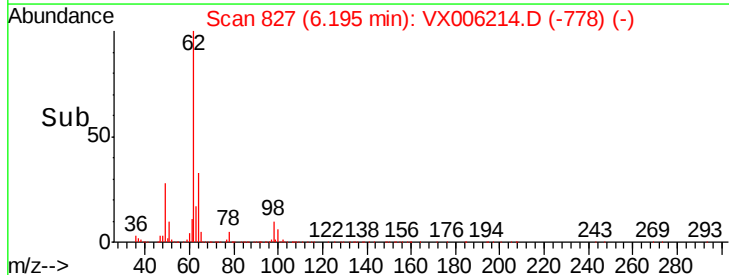
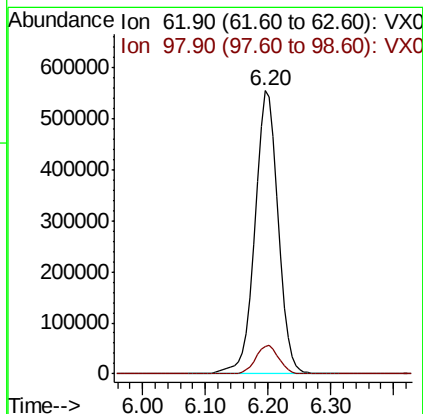
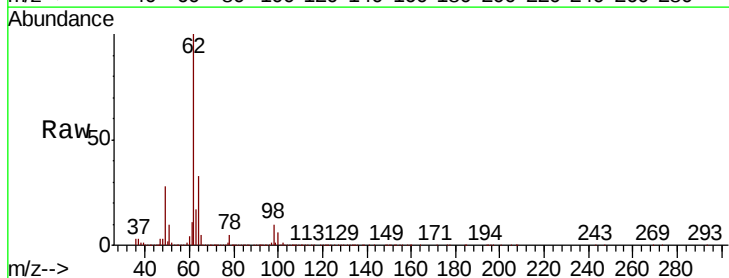
RT: 6.20 min Scan# 827

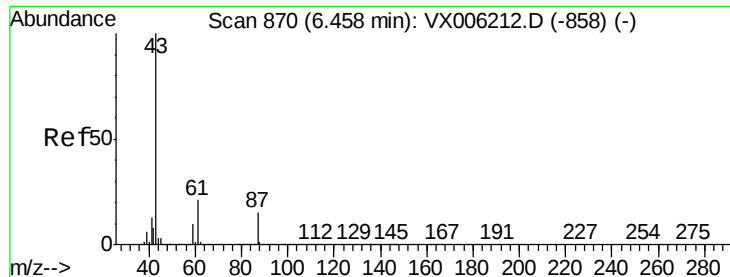
Delta R.T. -0.00 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

Tgt Ion:	62	Resp:	1418517
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.2





#43

Isopropyl Acetate

Concen: 144.196 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

Instrument :

MSVOA_X

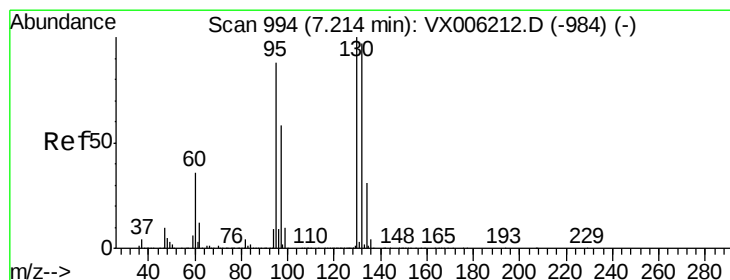
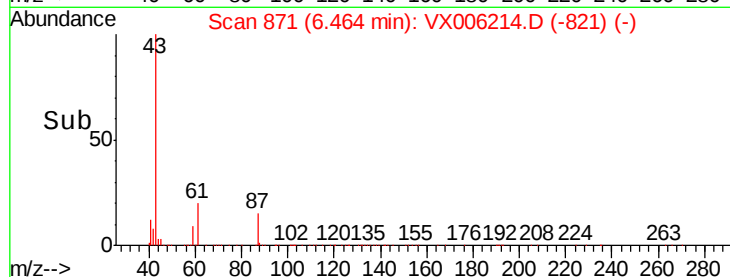
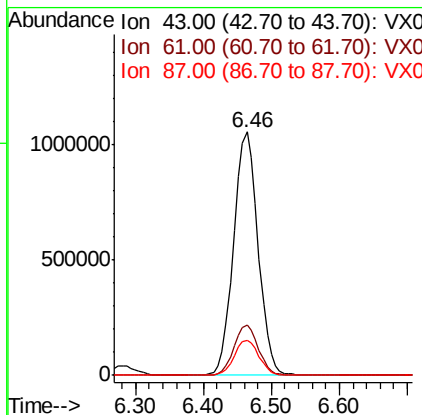
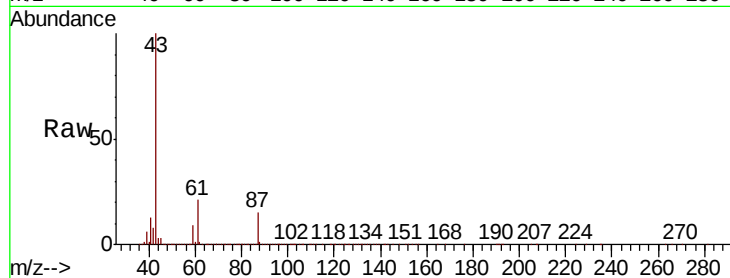
ClientSampleId :

VSTDICC150

Tgt Ion:	43	Resp:	2622940
Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.8	25.2
87	14.7	11.9	17.9

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#44

Trichloroethene

Concen: 148.818 ug/l

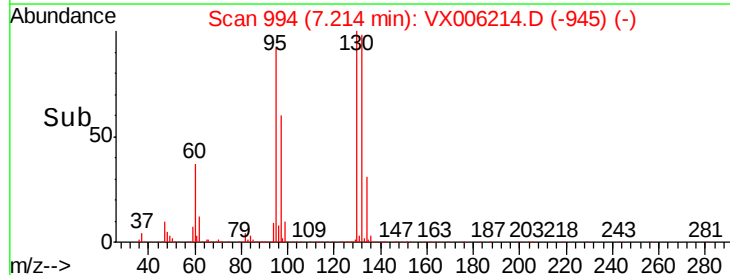
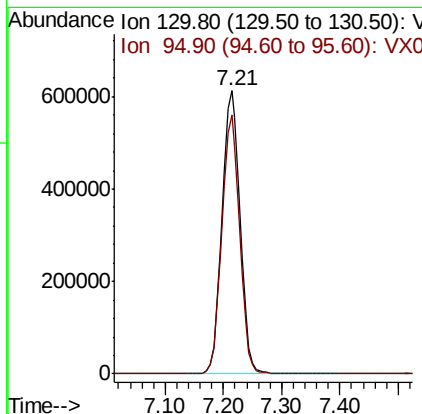
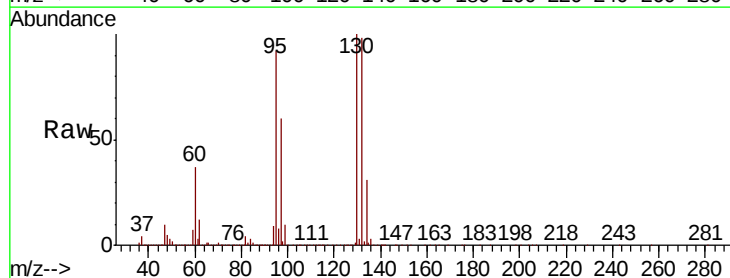
RT: 7.21 min Scan# 994

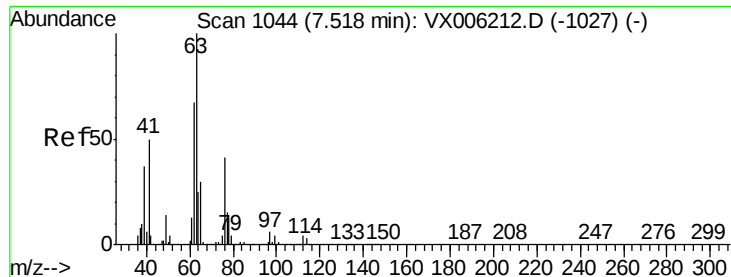
Delta R.T. -0.00 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

Tgt Ion:	130	Resp:	1315439
Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	175.8





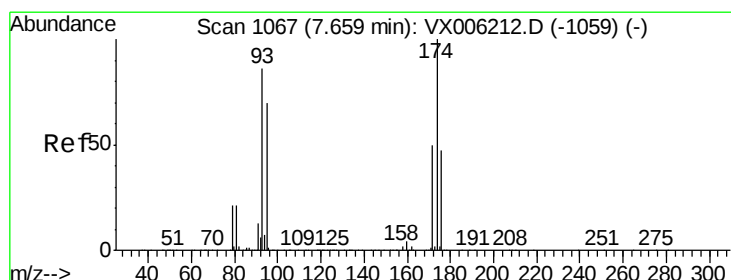
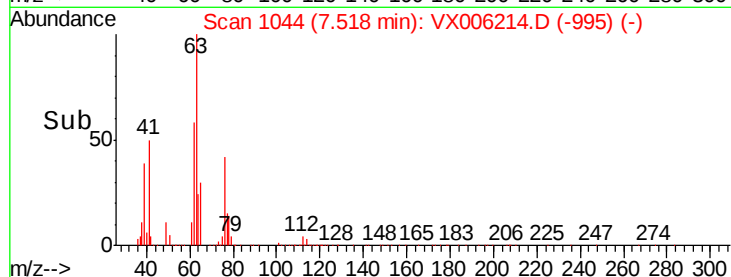
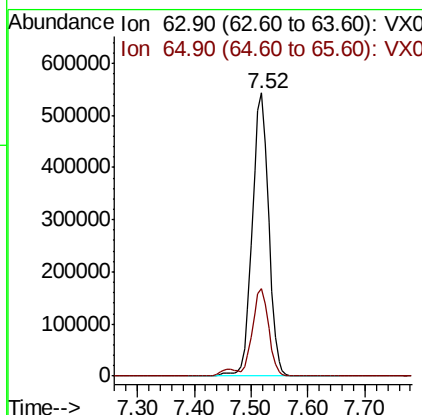
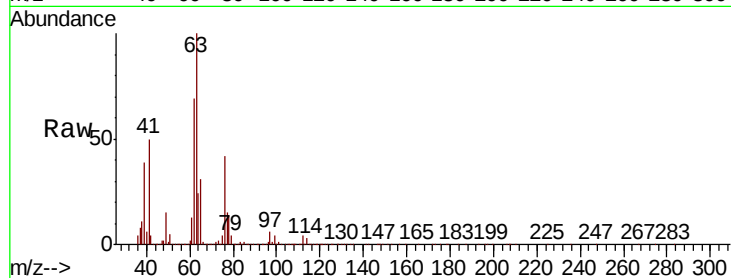
#45
 1,2-Dichloropropane
 Concen: 146.480 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX006214.D
 Acq: 29 Nov 2018 16:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 63 Resp: 1086239
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.3 36.5

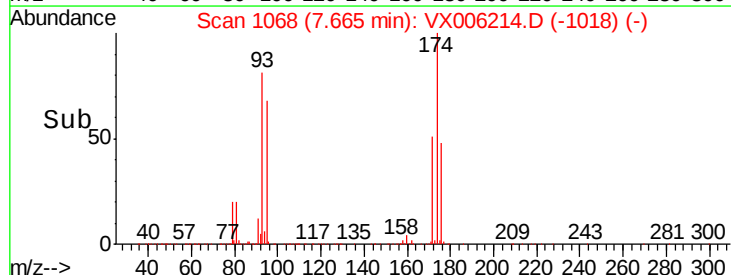
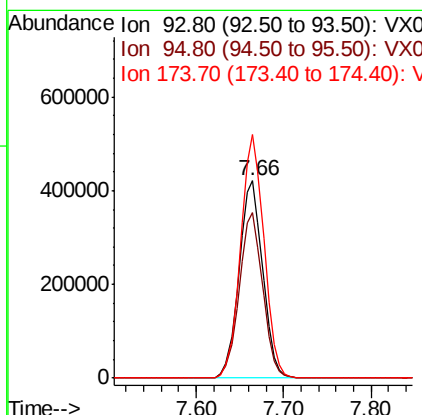
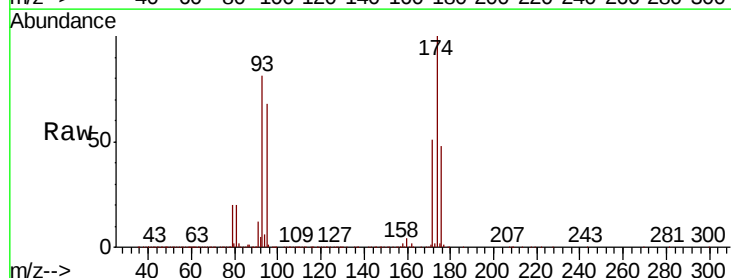
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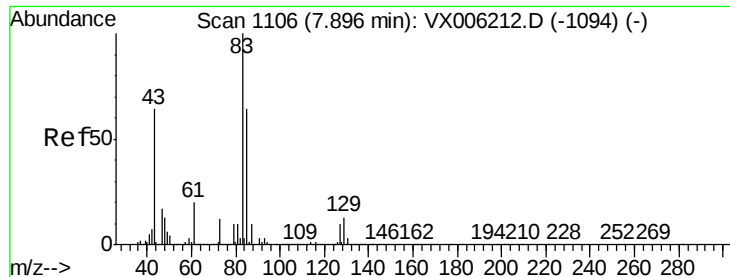
MMDadoda
 11/30/2018 10:13:20 AM



#46
 Dibromomethane
 Concen: 147.669 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006214.D
 Acq: 29 Nov 2018 16:18

Tgt Ion: 93 Resp: 790867
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.2 99.4
 174 121.9 97.2 145.8





#47

Bromodichloromethane

Concen: 148.709 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 1542335

Ion Ratio Lower Upper

83 100

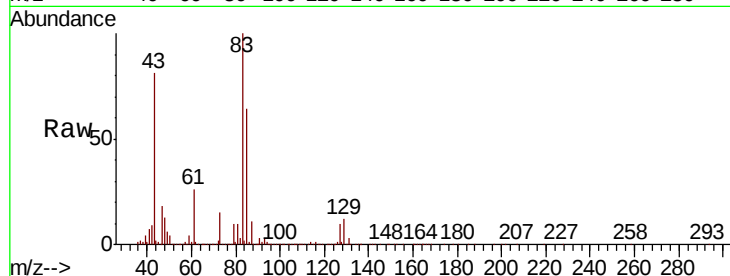
85 64.1 51.4 77.0

127 9.6 7.9 11.9

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

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

7.90

800000

600000

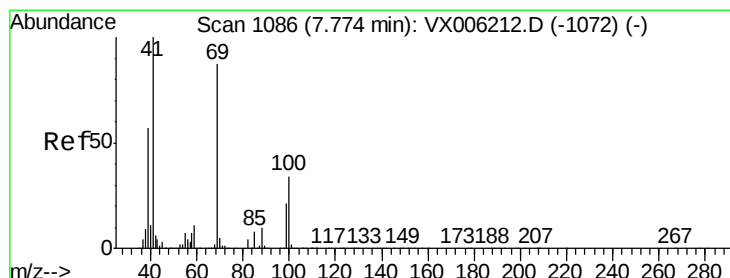
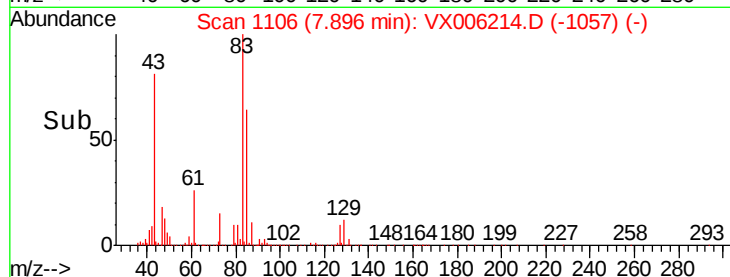
400000

200000

0

7.80 7.90 8.00

Time-->



#48

Methyl methacrylate

Concen: 144.189 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

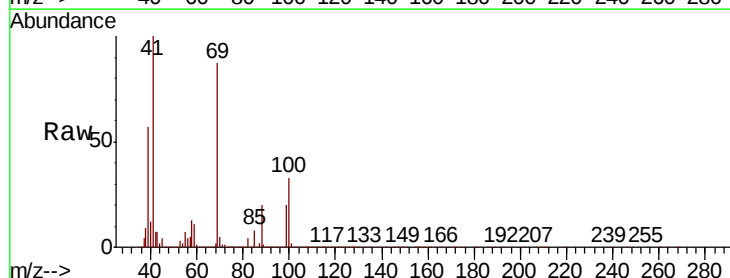
Tgt Ion: 41 Resp: 1275921

Ion Ratio Lower Upper

41 100

69 87.5 70.3 105.5

39 56.7 45.3 67.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

7.77

800000

600000

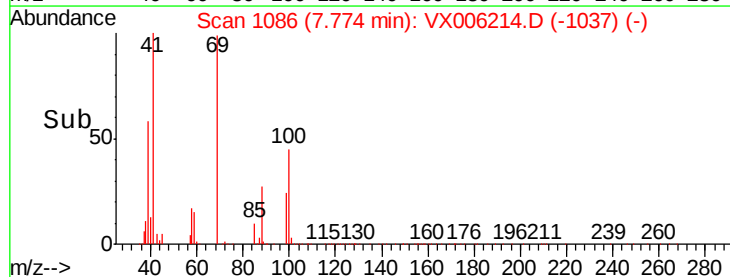
400000

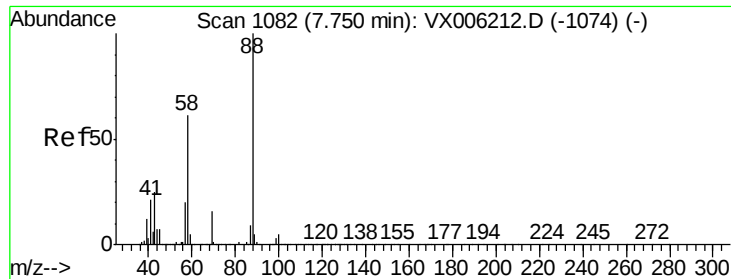
200000

0

7.70 7.80 7.90

Time-->





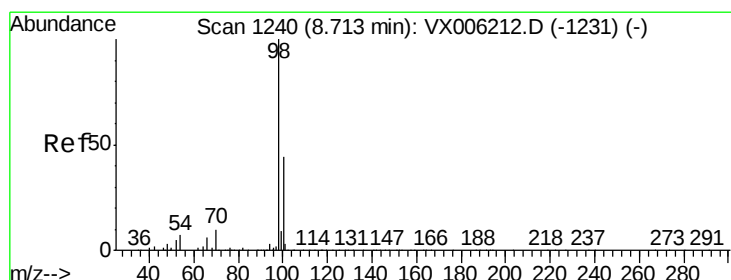
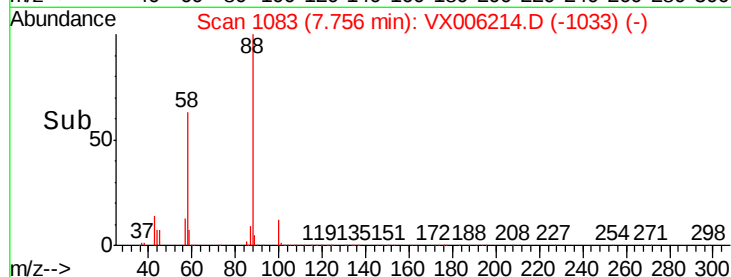
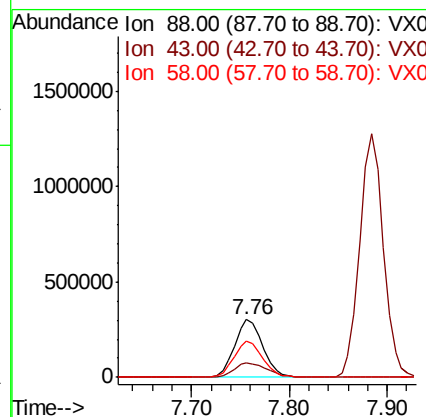
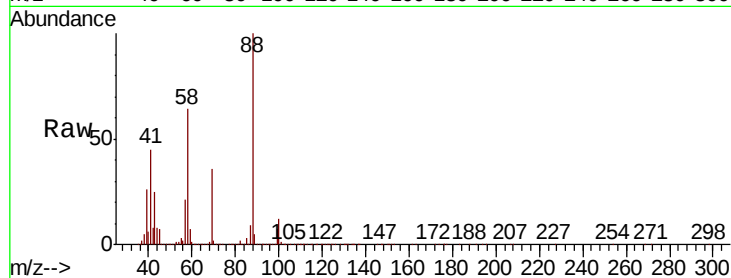
#49
1,4-Dioxane
Concen: 2759.853 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
88	100		
43	29.0	23.2	34.8
58	63.9	51.4	77.0

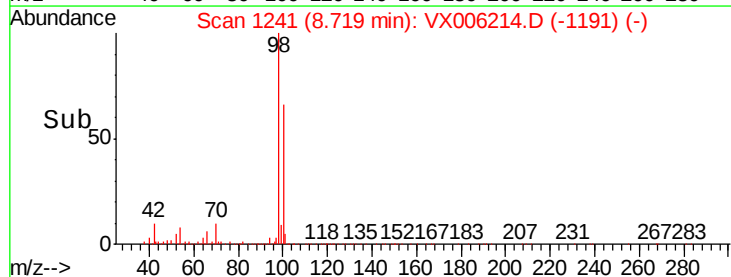
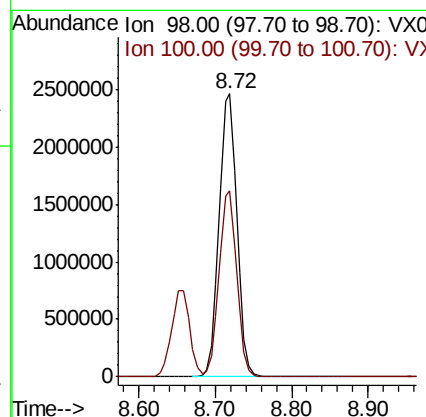
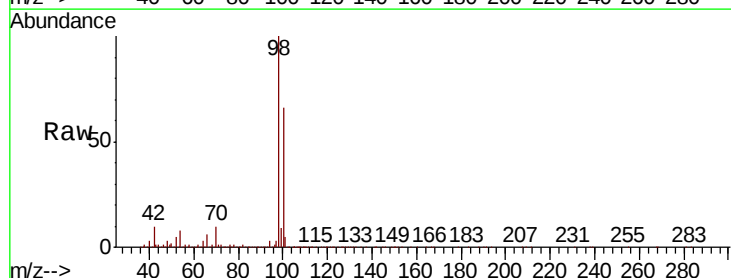
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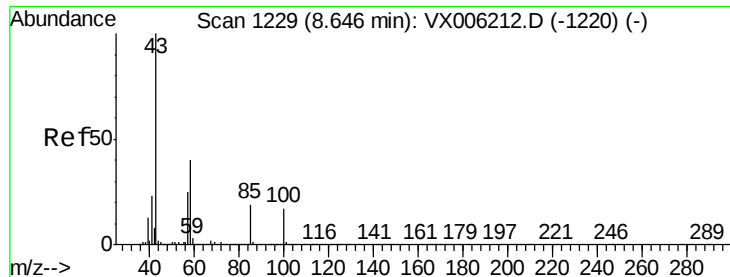
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#50
Toluene-d8
Concen: 145.660 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2





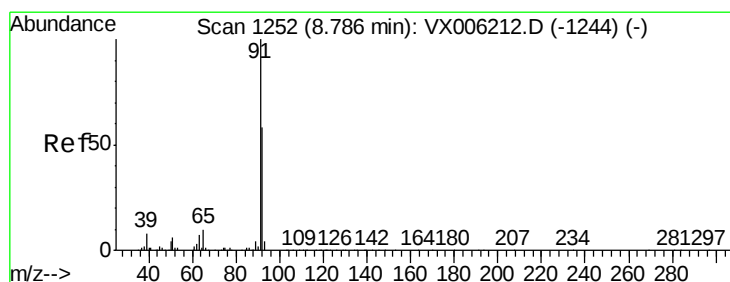
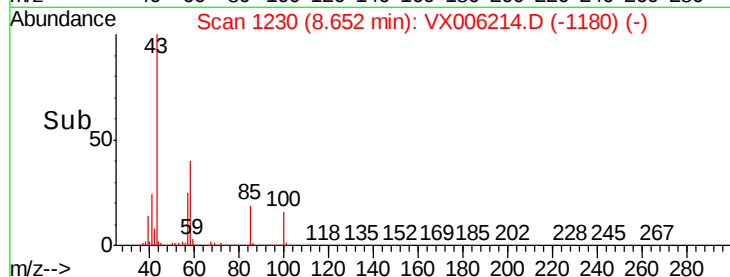
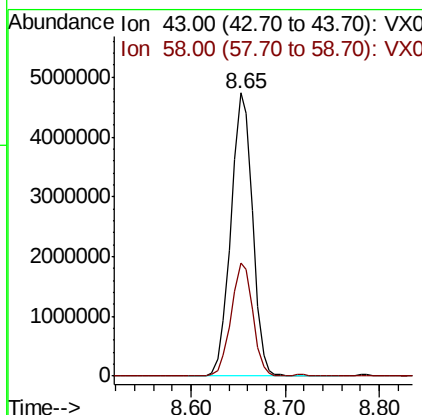
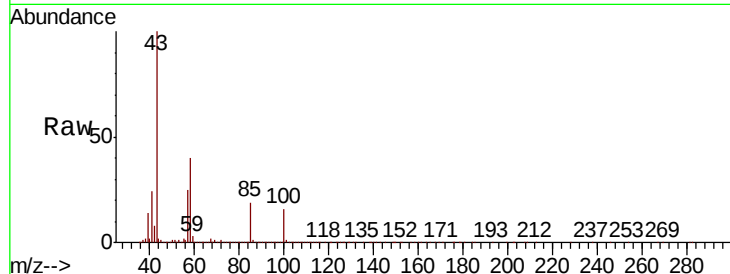
#51
4-Methyl-2-Pentanone
Concen: 713.897 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.01 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 7559404
Ion Ratio Lower Upper
43 100
58 39.7 31.3 46.9

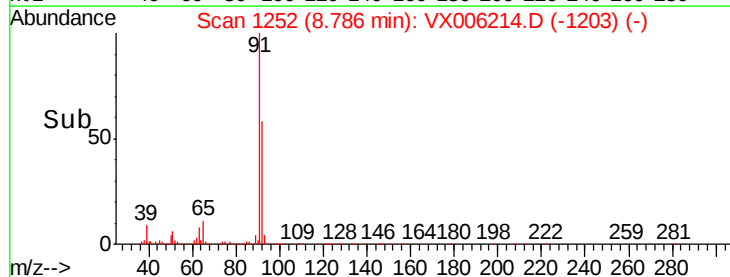
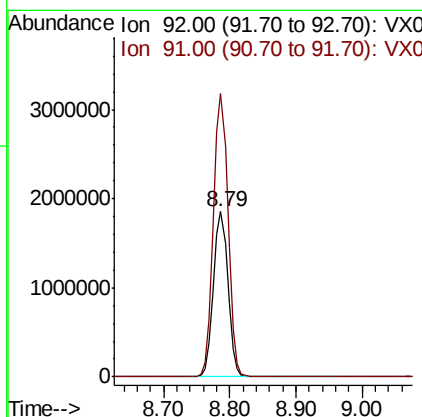
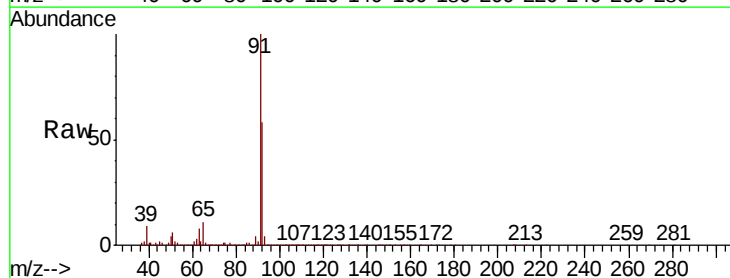
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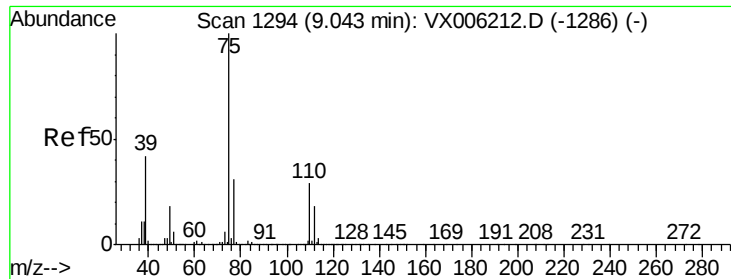
MMDadoda
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#52
Toluene
Concen: 145.737 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Tgt Ion: 92 Resp: 2797565
Ion Ratio Lower Upper
92 100
91 172.8 139.2 208.8





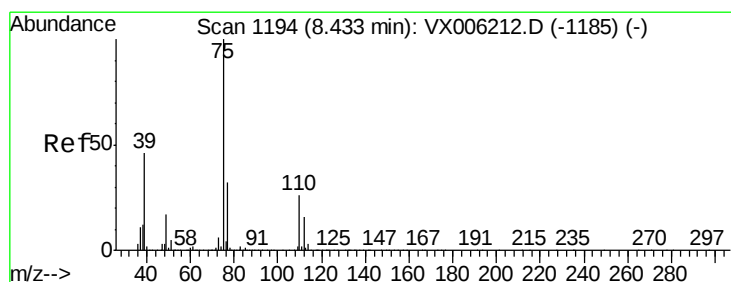
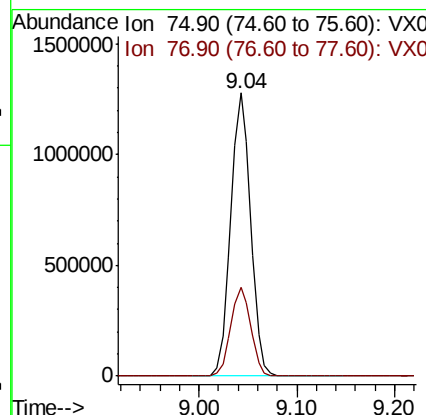
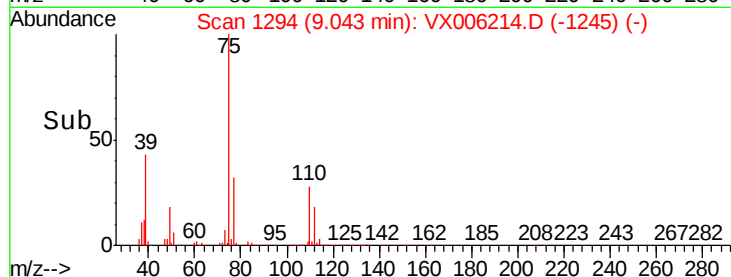
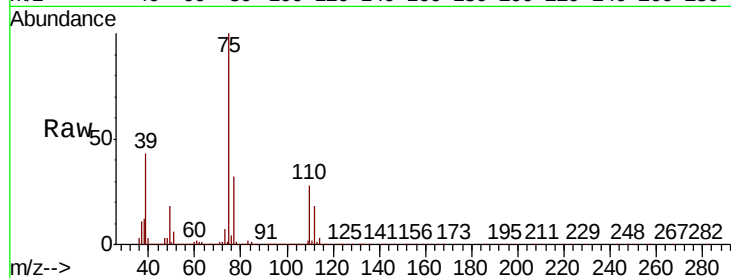
#53
t-1,3-Dichloropropene
Concen: 148.988 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 1807146
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.4

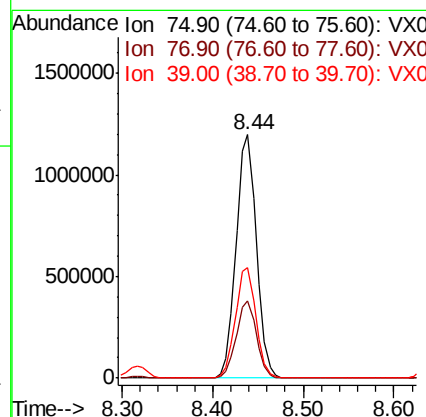
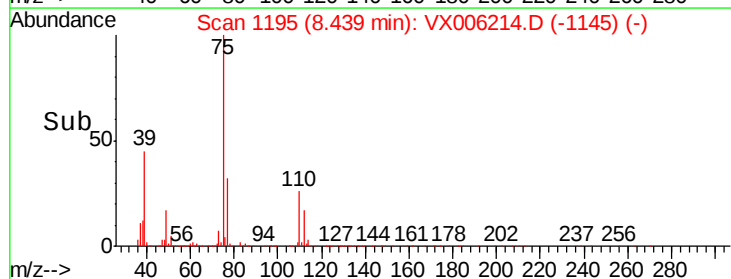
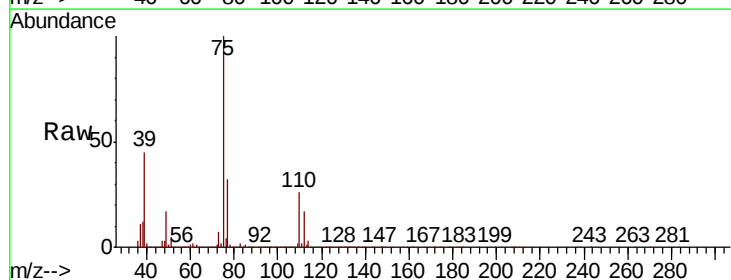
Manual Integrations
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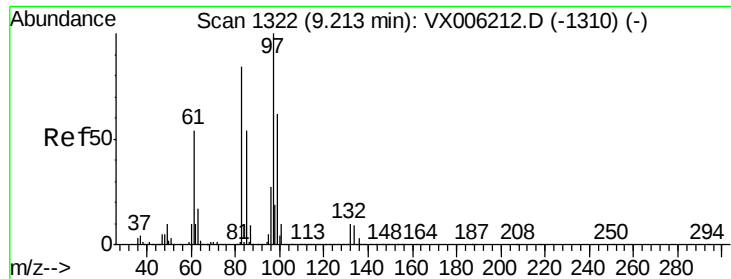
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 147.856 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Tgt Ion: 75 Resp: 1862258
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4
39 45.4 36.5 54.7





#55

1,1,2-Trichloroethane

Concen: 145.308 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 1133185

Ion Ratio Lower Upper

97 100

83 84.3 67.1 100.7

85 53.9 43.2 64.8

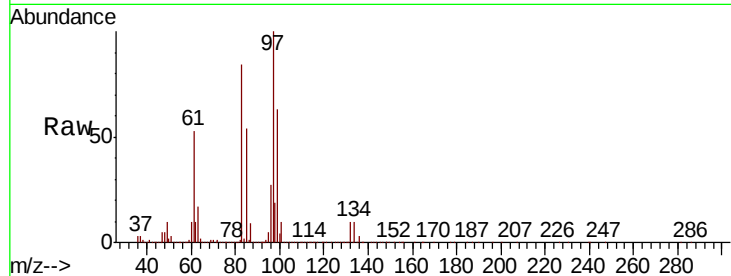
99 63.3 49.8 74.6

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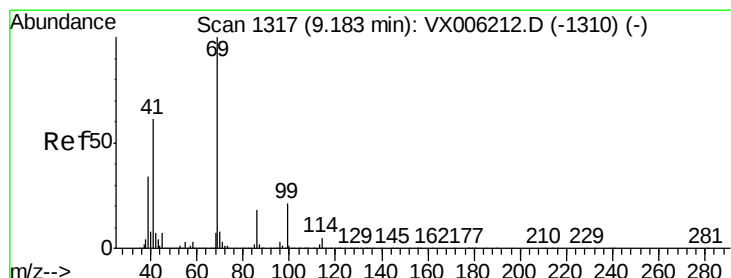
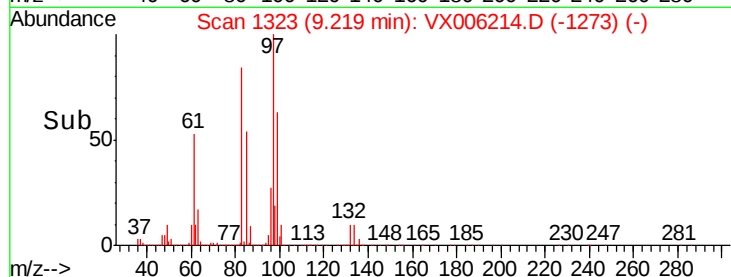
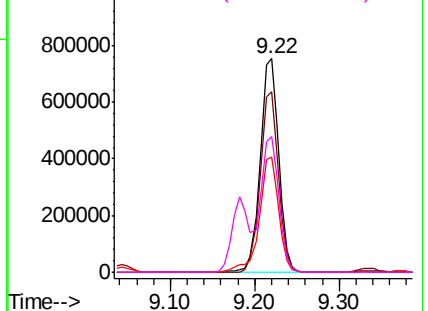
Abundance

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: 143.054 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

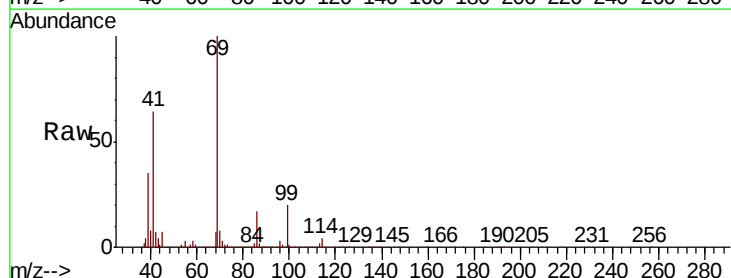
Tgt Ion: 69 Resp: 1744058

Ion Ratio Lower Upper

69 100

41 63.7 50.6 76.0

39 35.0 27.6 41.4

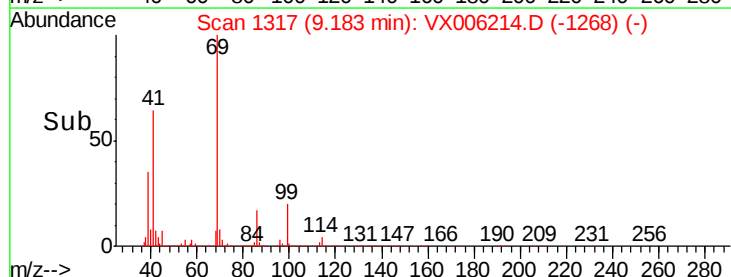
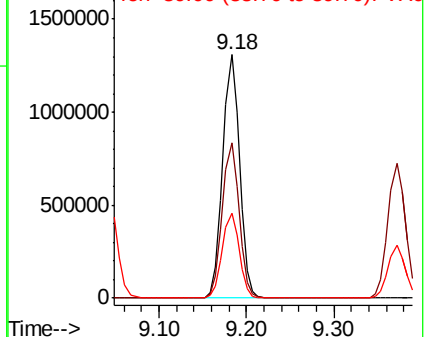


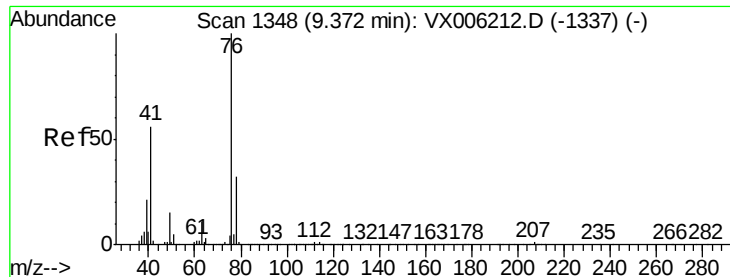
Abundance

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: 145.681 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 76 Resp: 1796495

Ion Ratio Lower Upper

76 100

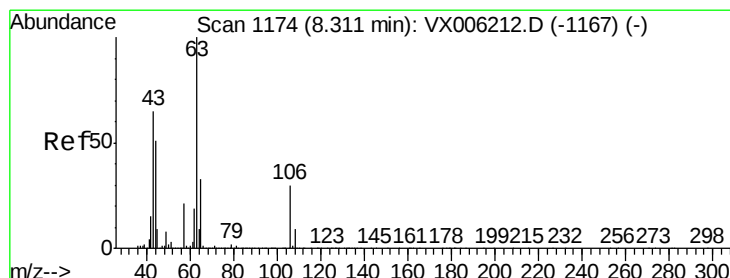
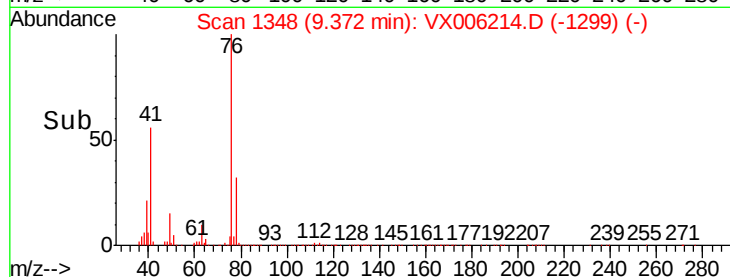
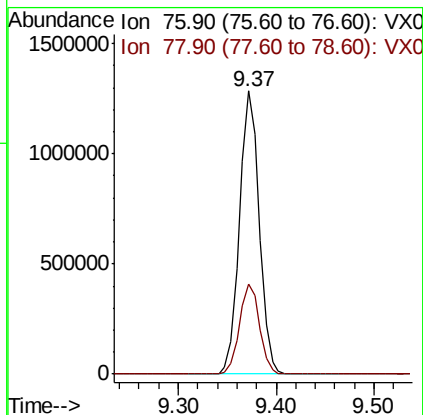
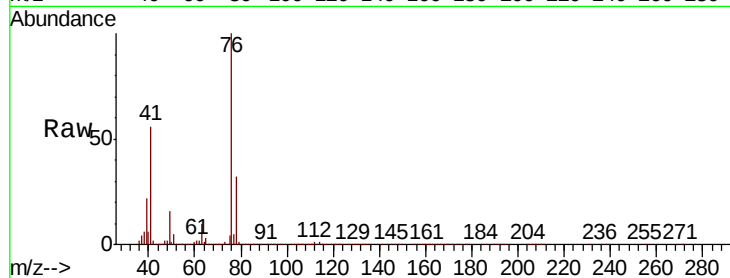
78 32.2 26.1 39.1

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#58

2-Chloroethyl Vinyl ether

Concen: 733.658 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX006214.D

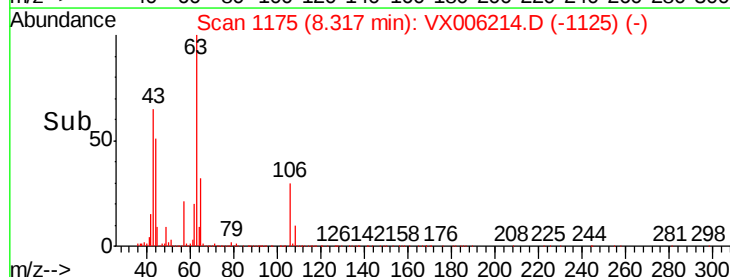
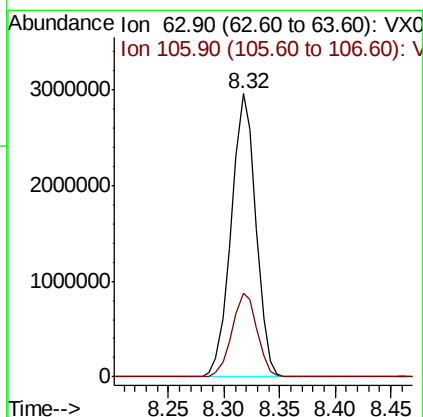
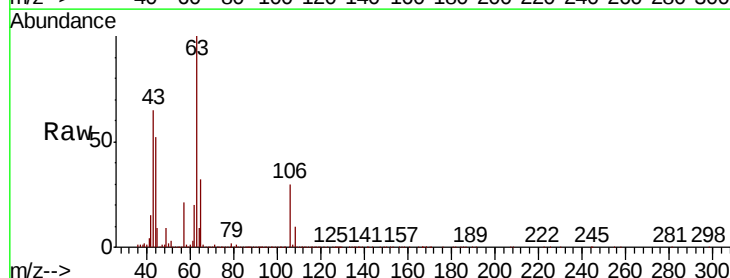
Acq: 29 Nov 2018 16:18

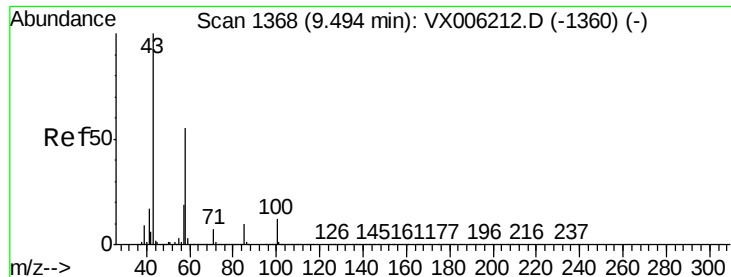
Tgt Ion: 63 Resp: 4538860

Ion Ratio Lower Upper

63 100

106 30.3 24.9 37.3





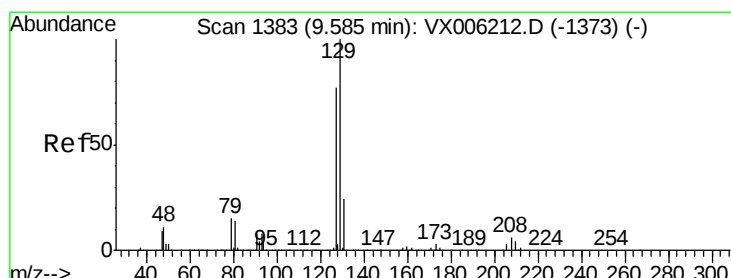
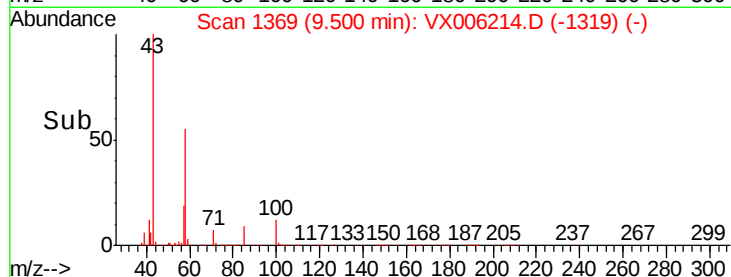
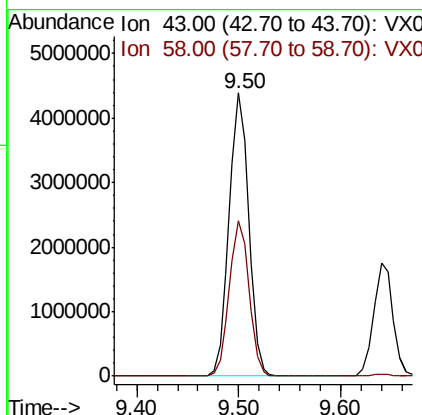
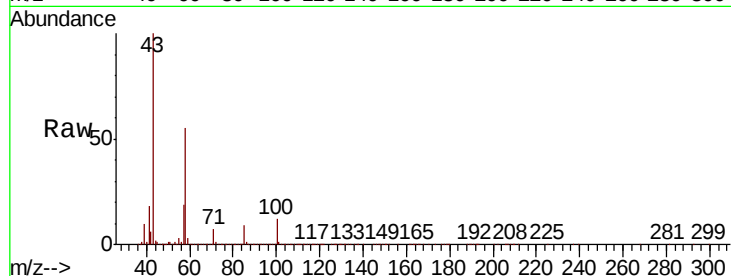
#59
2-Hexanone
Concen: 720.711 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 5830526
Ion Ratio Lower Upper
43 100
58 55.3 27.7 83.1

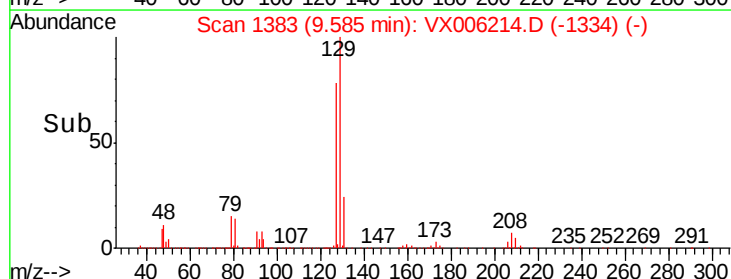
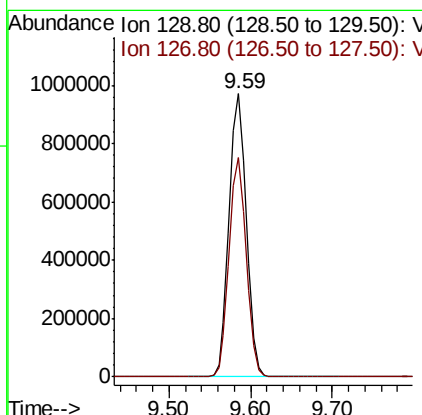
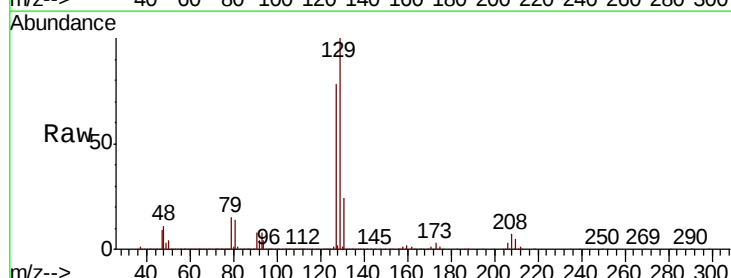
Manual Integrations
APPROVED

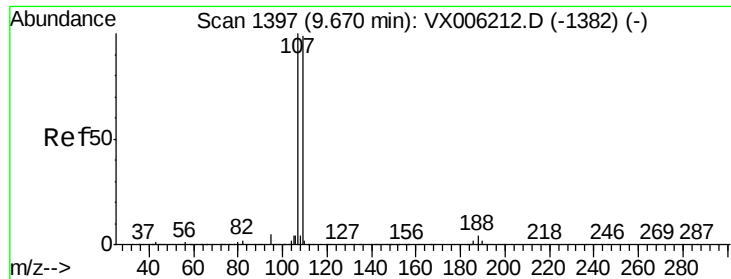
MMDadoda
11/30/2018 10:13:20 AM



#60
Dibromochloromethane
Concen: 146.787 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Tgt Ion: 129 Resp: 1411544
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8





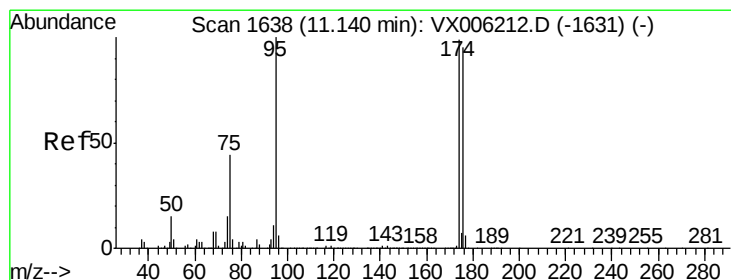
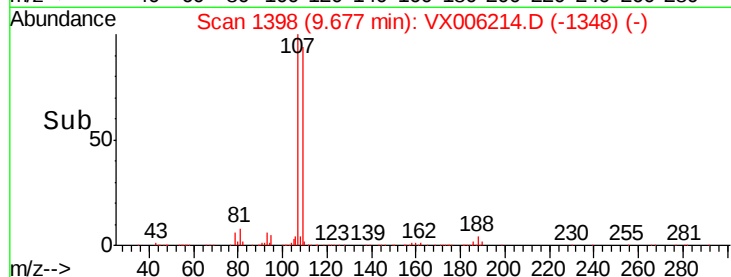
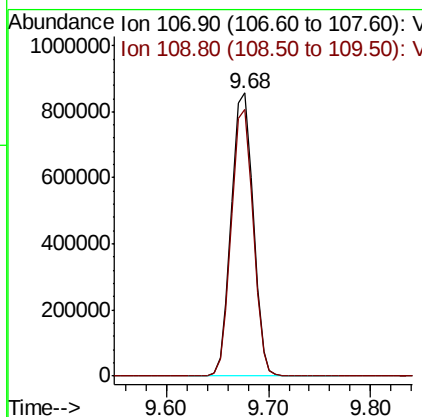
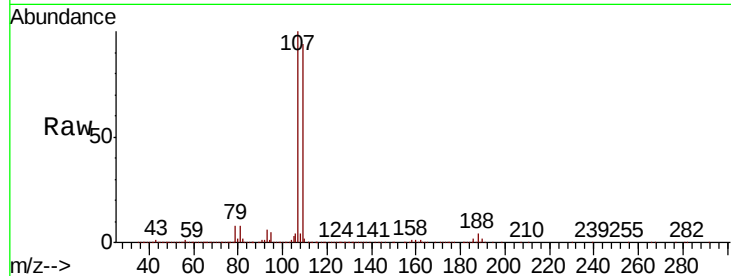
#61
1,2-Dibromoethane
Concen: 145.356 ug/l
RT: 9.68 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 107 Resp: 1267486
Ion Ratio Lower Upper
107 100
109 94.0 76.3 114.5

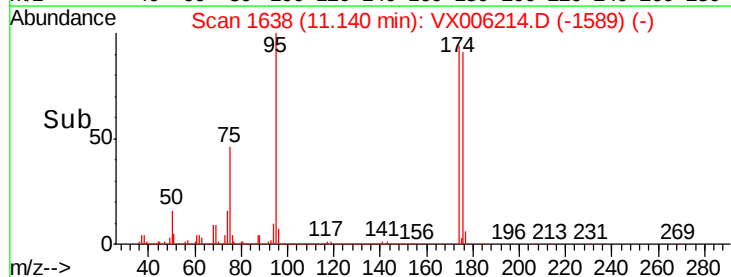
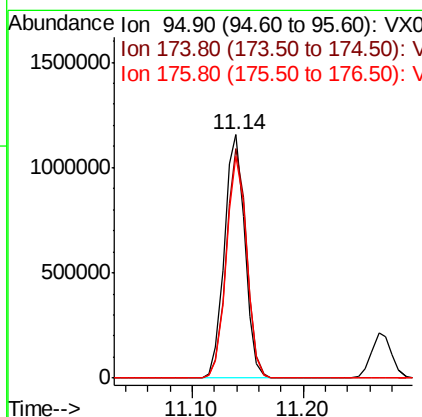
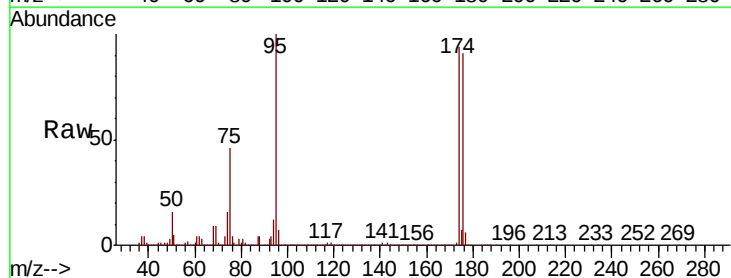
Manual Integrations
APPROVED

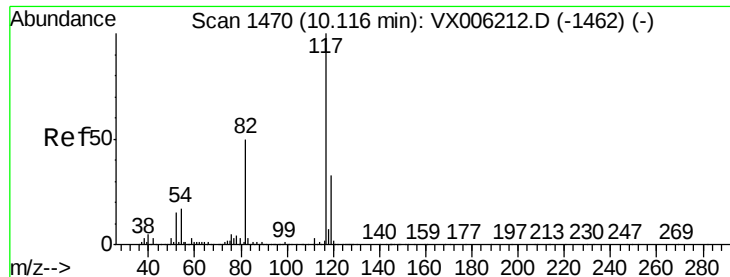
MMDadoda
11/30/2018 10:13:20 AM



#62
4-Bromofluorobenzene
Concen: 142.806 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Tgt Ion: 95 Resp: 1466143
Ion Ratio Lower Upper
95 100
174 93.6 0.0 187.0
176 90.7 0.0 181.8





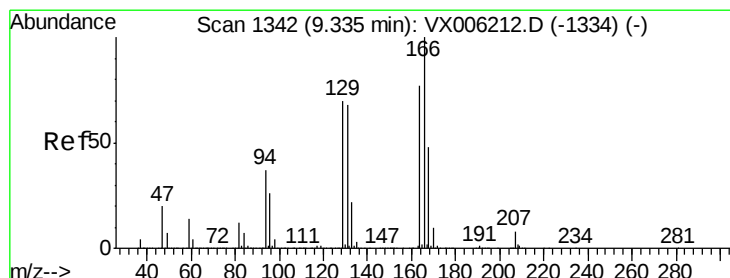
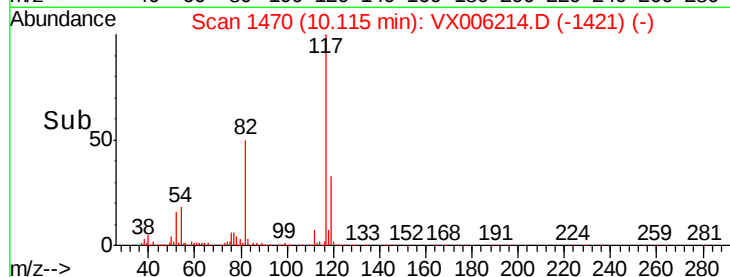
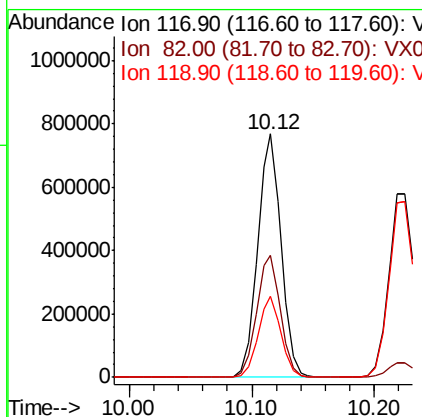
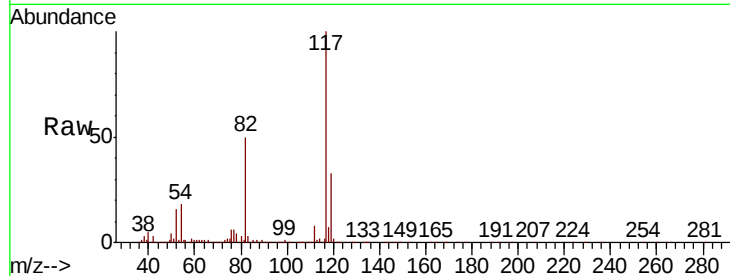
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:117 Resp: 1028582
Ion Ratio Lower Upper
117 100
82 49.9 39.6 59.4
119 33.5 26.3 39.5

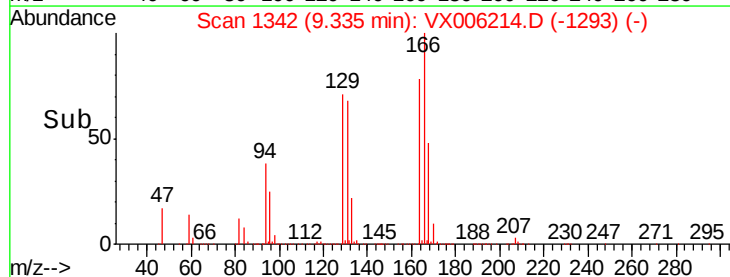
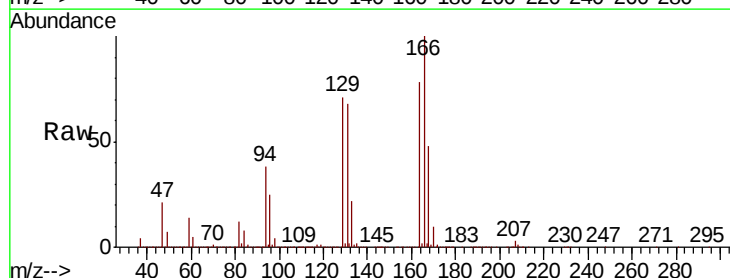
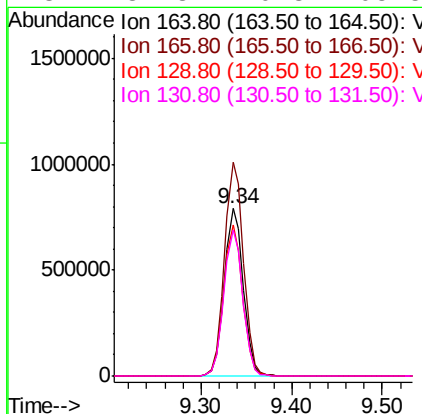
Manual Integrations
APPROVED

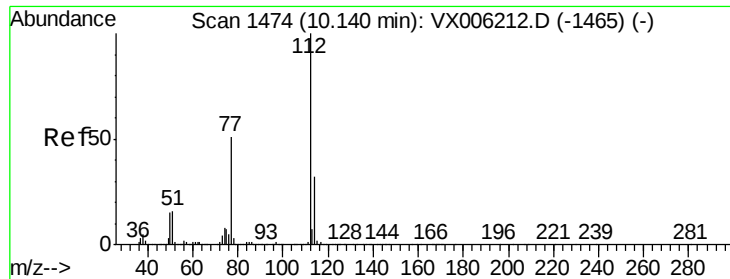
MMDadoda
11/30/2018 10:13:20 AM



#64
Tetrachloroethene
Concen: 148.603 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Tgt Ion:164 Resp: 1151102
Ion Ratio Lower Upper
164 100
166 127.5 104.2 156.2
129 90.1 72.6 108.8
131 87.3 70.3 105.5





#65

Chlorobenzene

Concen: 147.223 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:112 Resp: 3214540

Ion Ratio Lower Upper

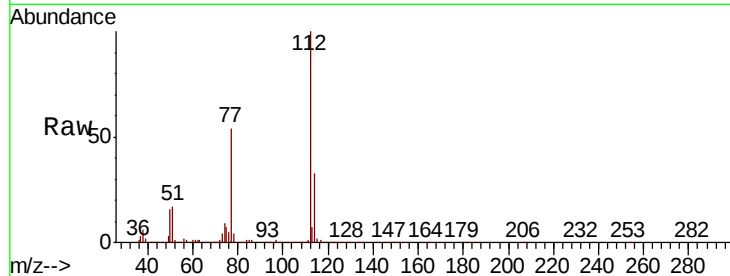
112 100

114 32.6 25.4 38.2

Manual Integrations
APPROVED

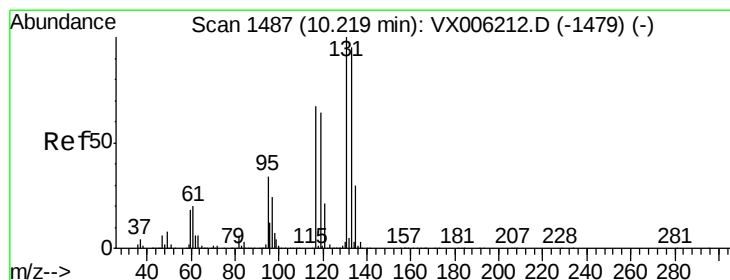
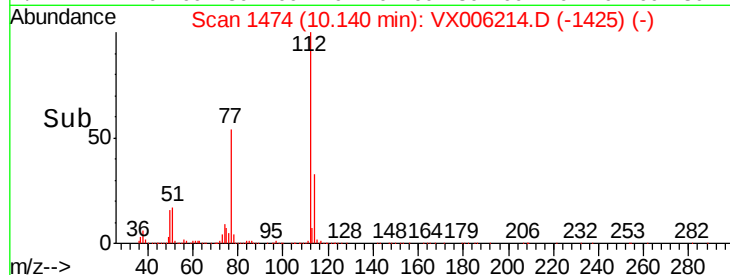
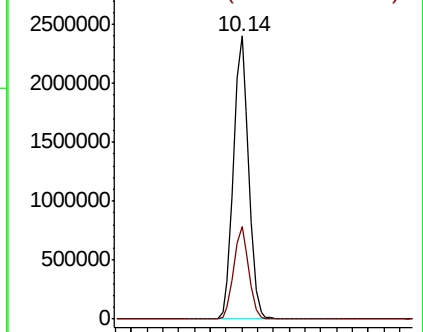
MMDadoda

11/30/2018 10:13:20 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 147.172 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

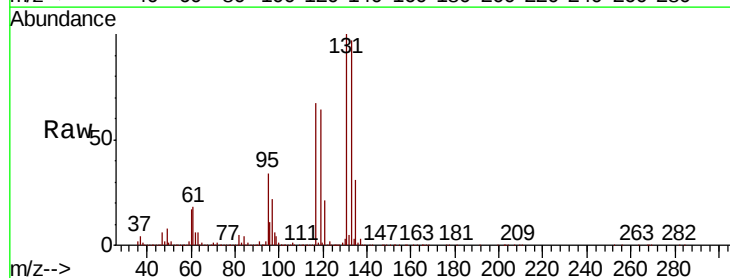
Tgt Ion:131 Resp: 1248527

Ion Ratio Lower Upper

131 100

133 96.2 48.1 144.4

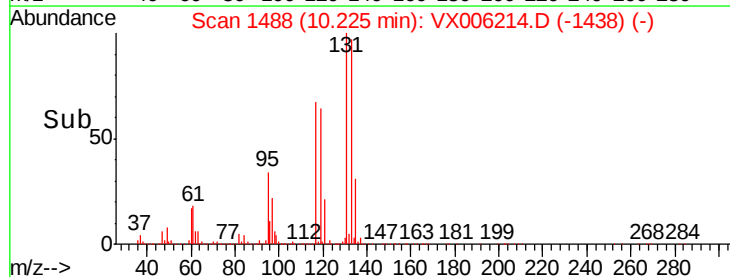
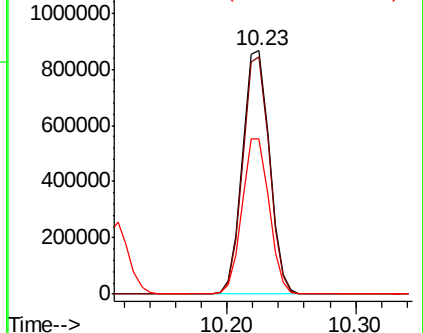
119 64.1 32.1 96.3

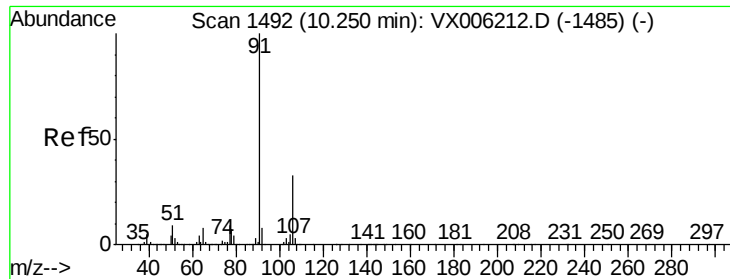


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





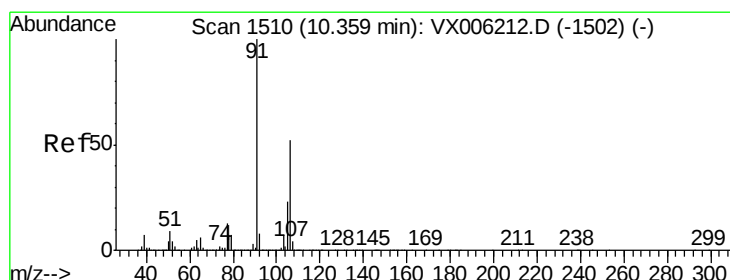
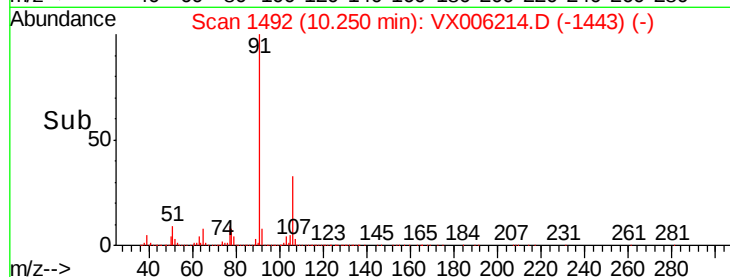
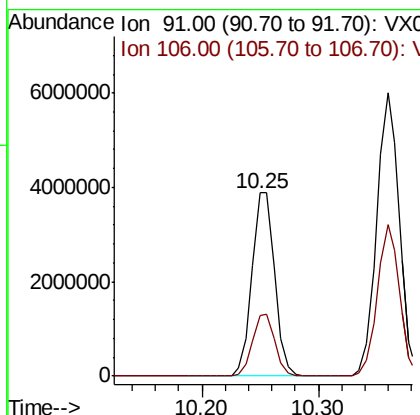
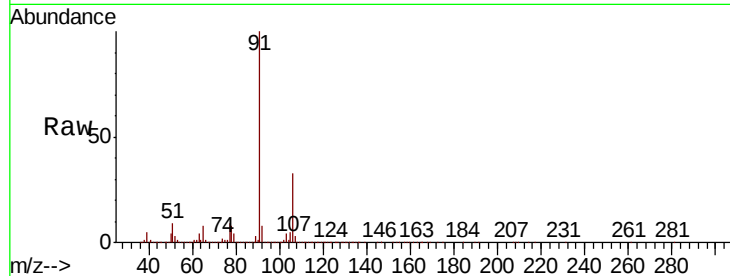
#67
Ethyl Benzene
Concen: 145.969 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 5300880
Ion Ratio Lower Upper
91 100
106 33.4 26.5 39.7

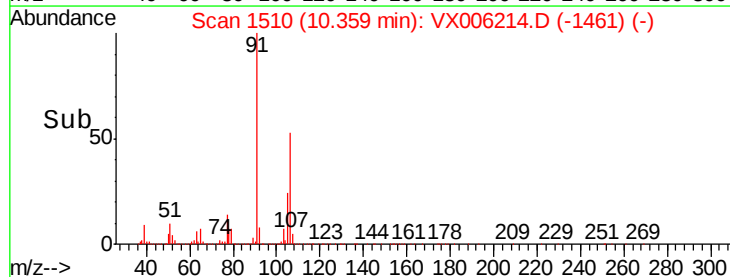
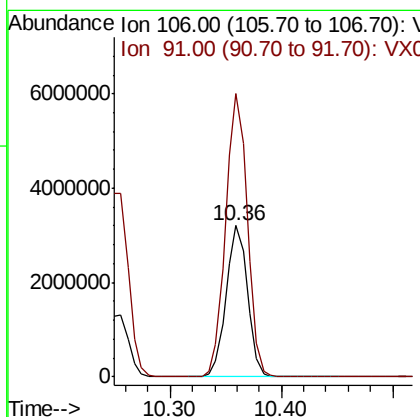
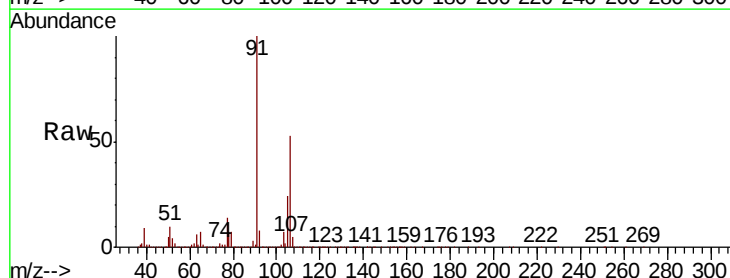
Manual Integrations
APPROVED

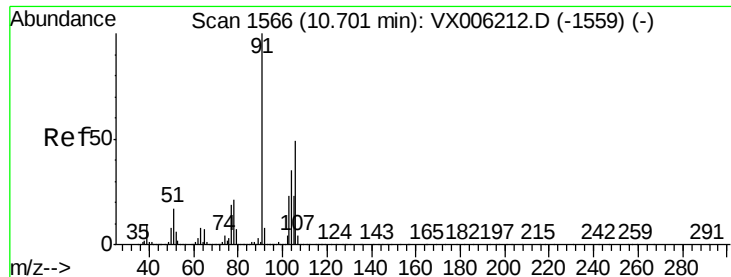
MMDadoda
11/30/2018 10:13:20 AM



#68
m/p-Xylenes
Concen: 291.886 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Tgt Ion: 106 Resp: 4246012
Ion Ratio Lower Upper
106 100
91 190.7 155.2 232.8





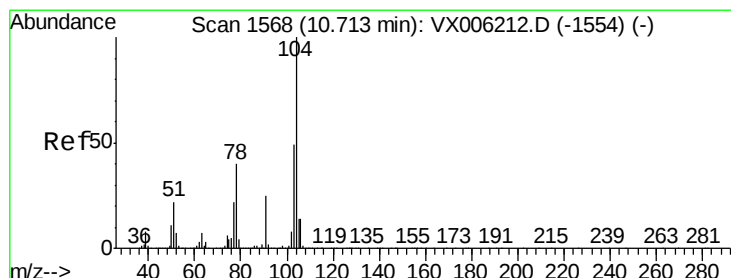
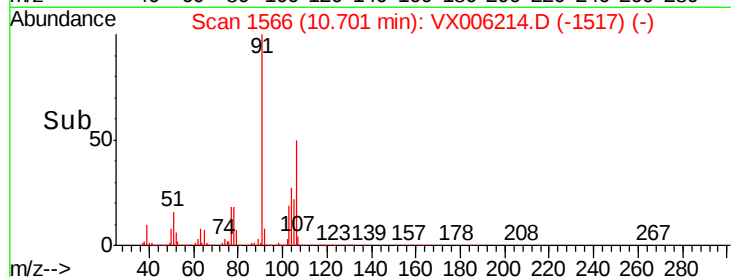
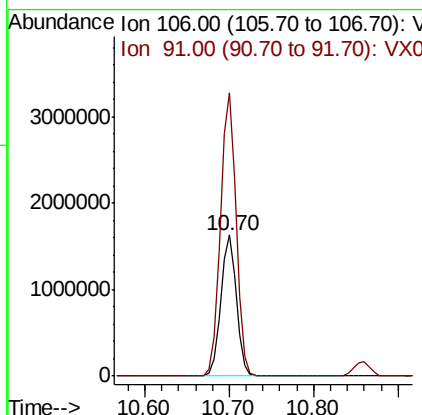
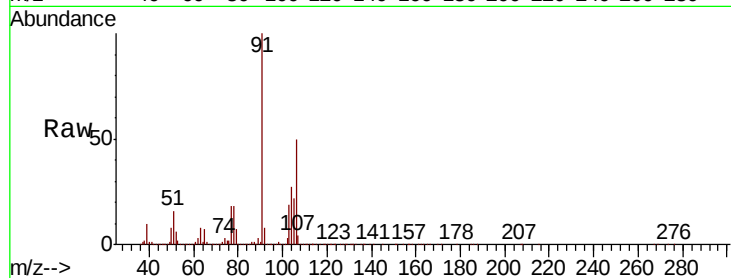
#69
o-Xylene
Concen: 145.059 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 2084321
Ion Ratio Lower Upper
106 100
91 203.3 101.8 305.6

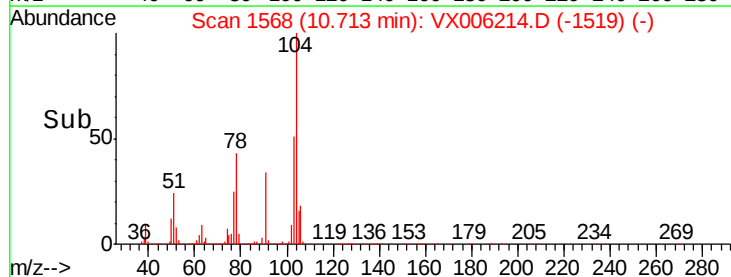
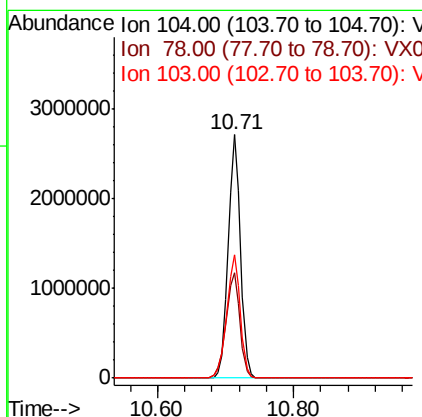
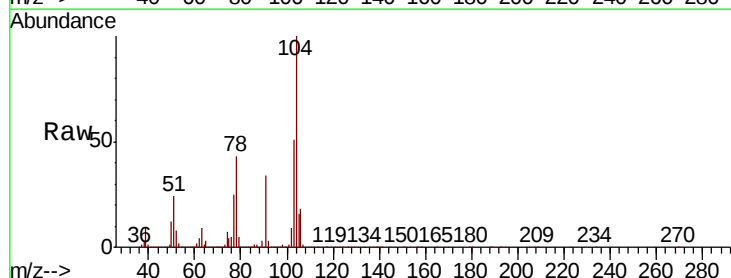
Manual Integrations
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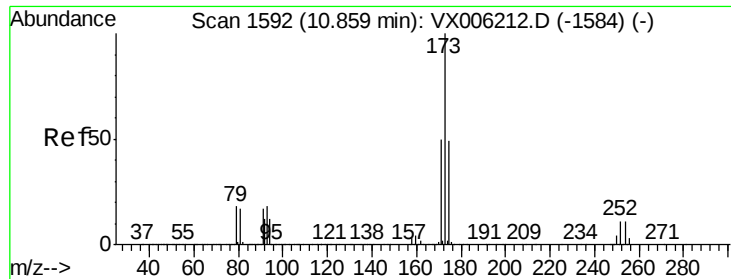
MMDadoda
11/30/2018 10:13:20 AM



#70
Styrene
Concen: 145.935 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Tgt Ion:104 Resp: 3391456
Ion Ratio Lower Upper
104 100
78 48.2 37.2 55.8
103 55.4 43.5 65.3





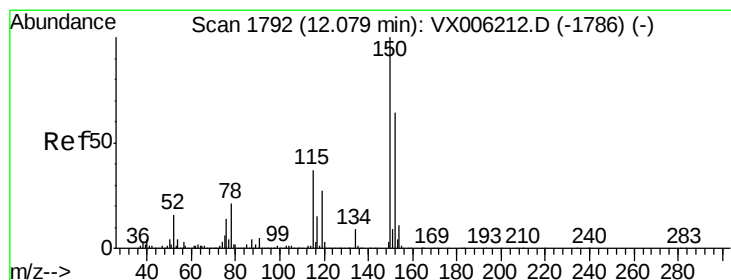
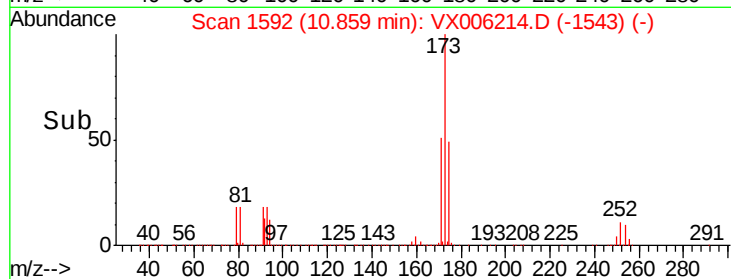
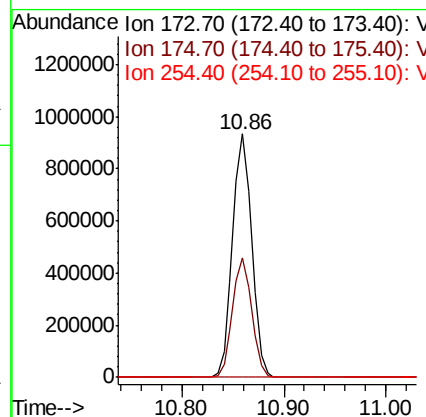
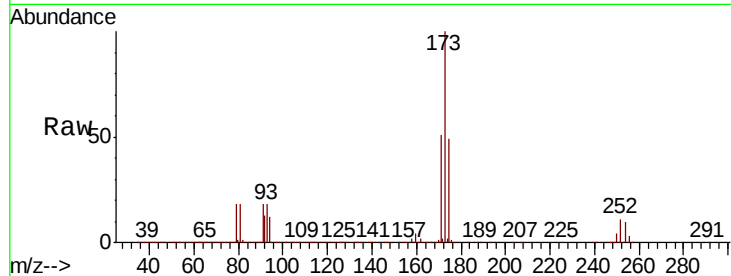
#71
Bromoform
Concen: 151.780 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.6	73.8
254	0.2	0.2	0.2

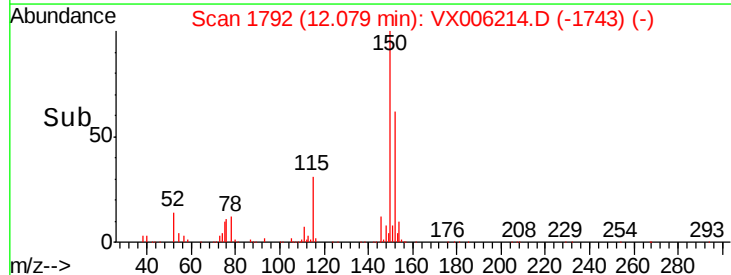
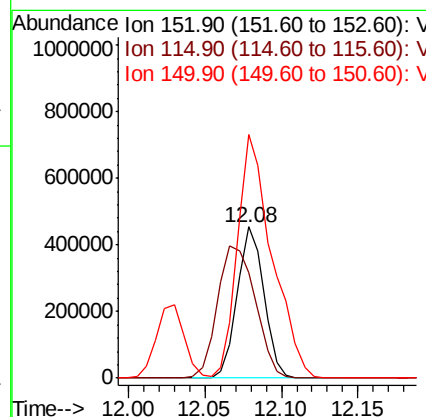
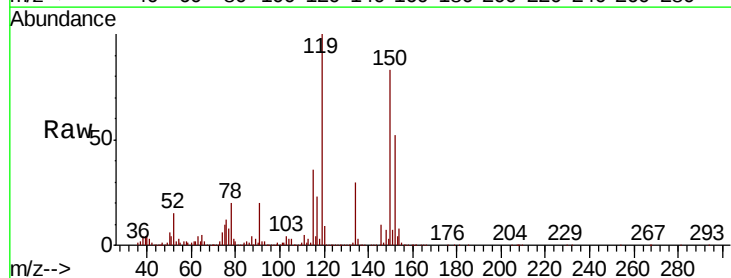
Manual Integrations
APPROVED

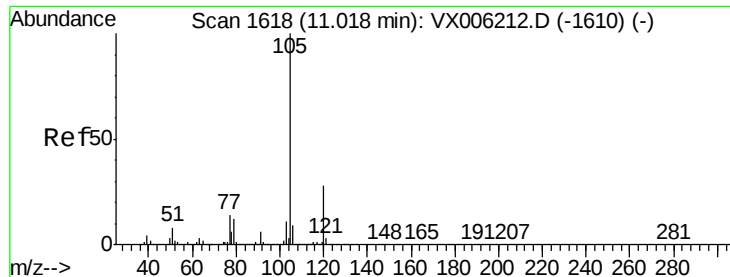
MMDadoda
11/30/2018 10:13:20 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	124.1	39.0	116.9#
150	209.7	0.0	345.8





#73

Isopropylbenzene

Concen: 141.259 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 105 Resp: 5340248

Ion Ratio Lower Upper

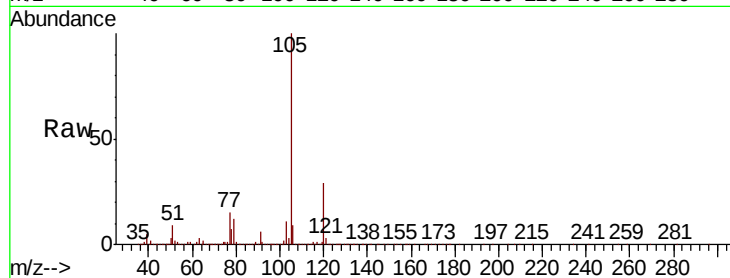
105 100

120 28.5 14.1 42.3

Manual Integrations
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MMDadoda

11/30/2018 10:13:20 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

5000000

4000000

3000000

2000000

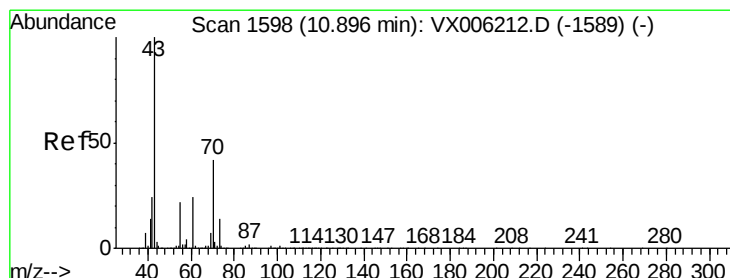
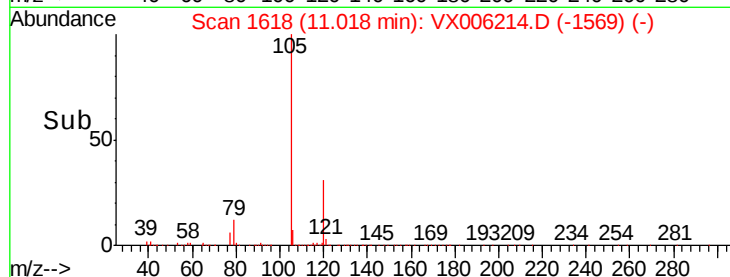
1000000

0

11.02

11.10

Time-->



#74

N-ethyl acetate

Concen: 148.445 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

Tgt Ion: 43 Resp: 2416599

Ion Ratio Lower Upper

43 100

70 42.1 34.1 51.1

55 22.5 17.8 26.8

61 24.8 19.7 29.5

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

3000000

2500000

2000000

1500000

1000000

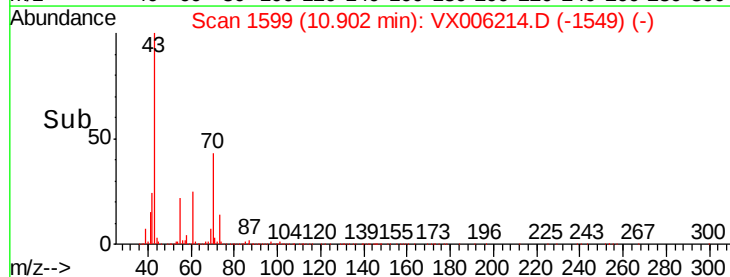
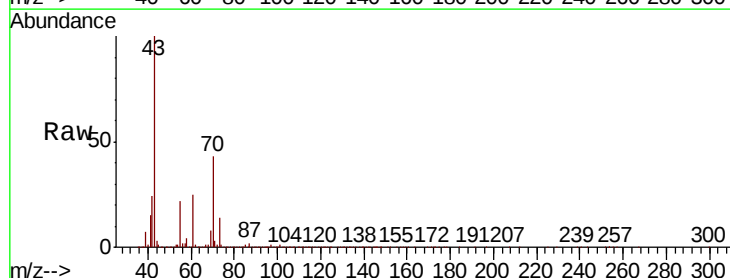
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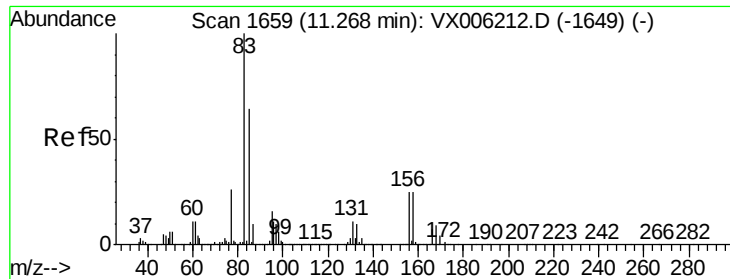
0

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 144.303 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 1745271

Ion Ratio Lower Upper

83 100

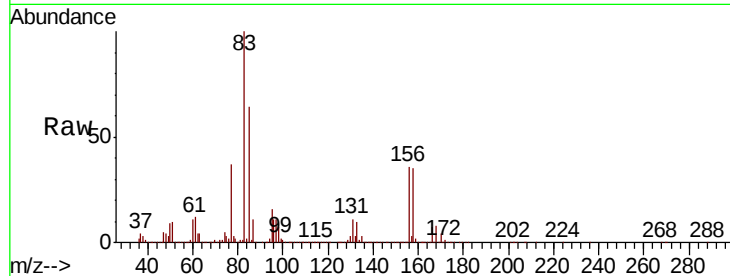
131 11.3 5.7 17.1

85 65.1 32.1 96.5

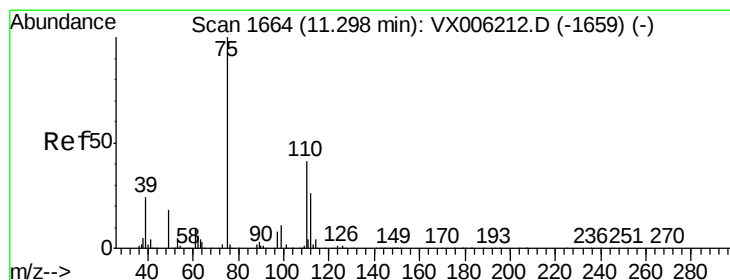
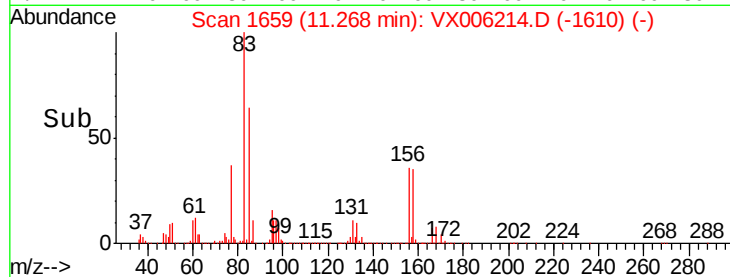
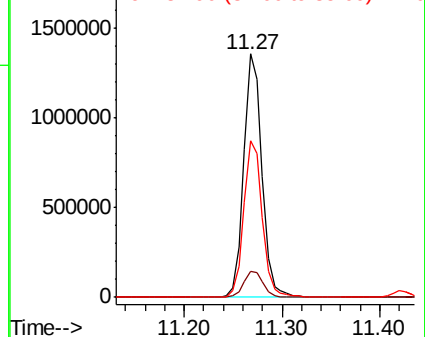
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 109.889 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006214.D

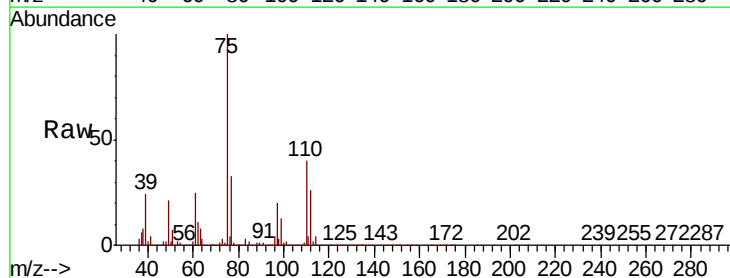
Acq: 29 Nov 2018 16:18

Tgt Ion: 75 Resp: 1562208

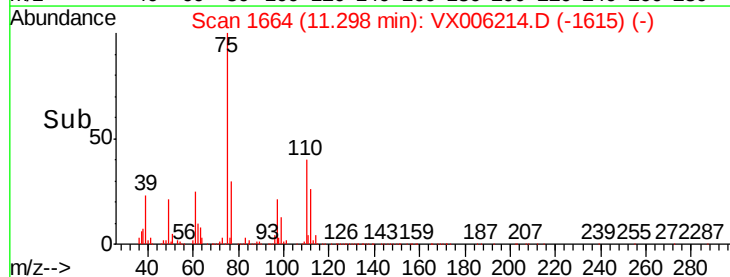
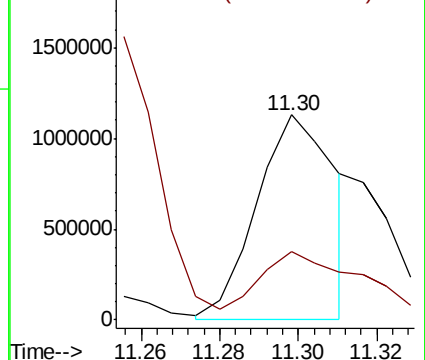
Ion Ratio Lower Upper

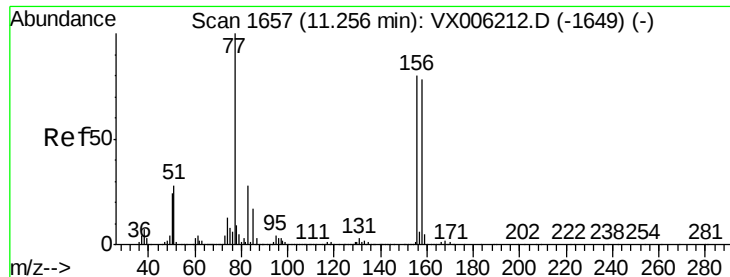
75 100

77 44.4 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 142.953 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:156 Resp: 1499774

Ion Ratio Lower Upper

156 100

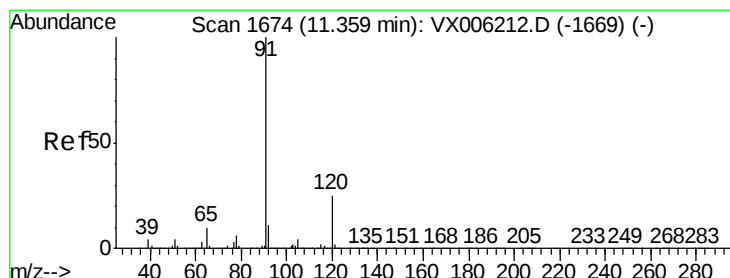
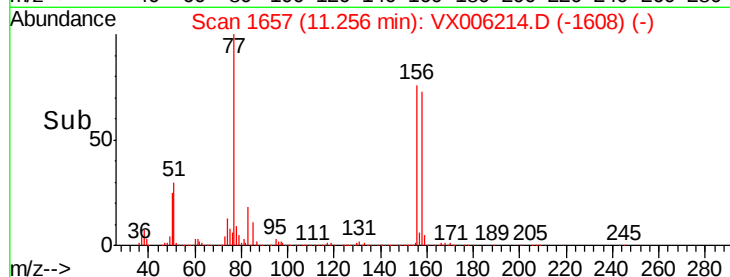
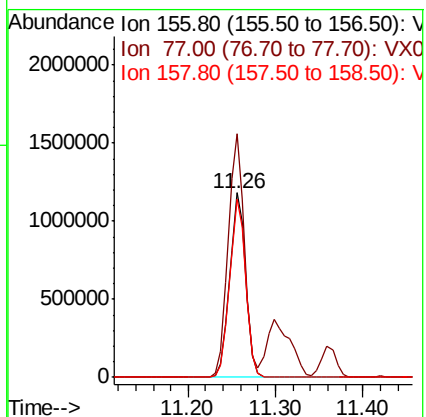
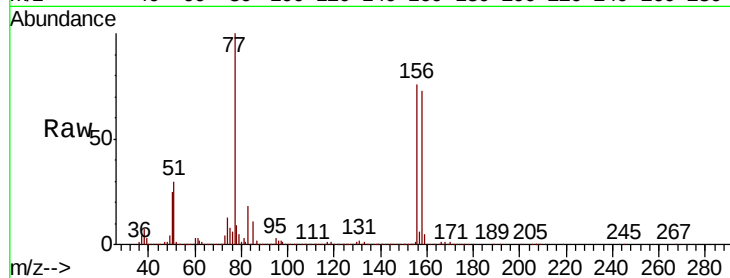
77 133.3 66.2 198.6

158 97.0 48.8 146.4

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#78

n-propylbenzene

Concen: 144.394 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006214.D

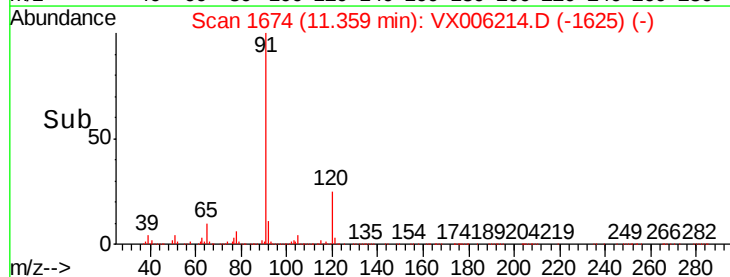
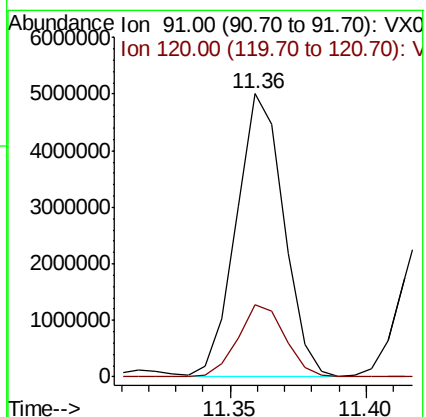
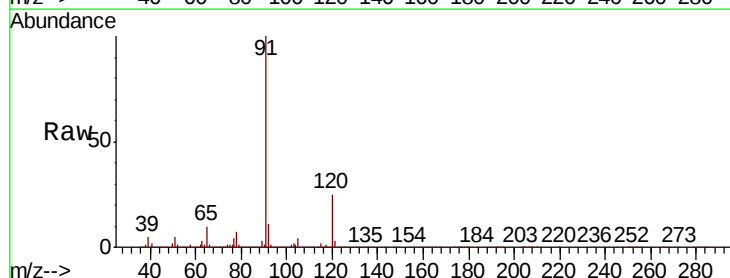
Acq: 29 Nov 2018 16:18

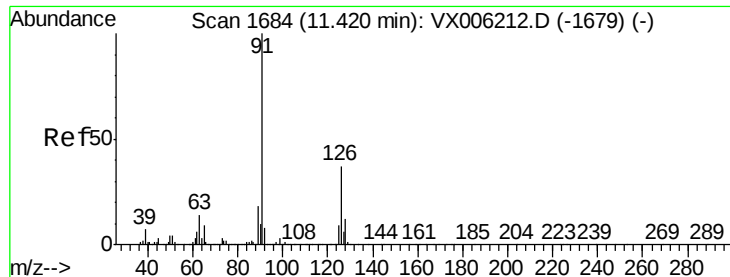
Tgt Ion: 91 Resp: 6067929

Ion Ratio Lower Upper

91 100

120 25.5 12.7 38.0





#79

2-Chlorotoluene

Concen: 142.731 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 3565003

Ion Ratio Lower Upper

91 100

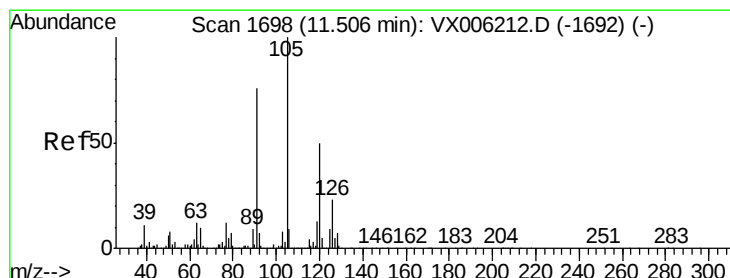
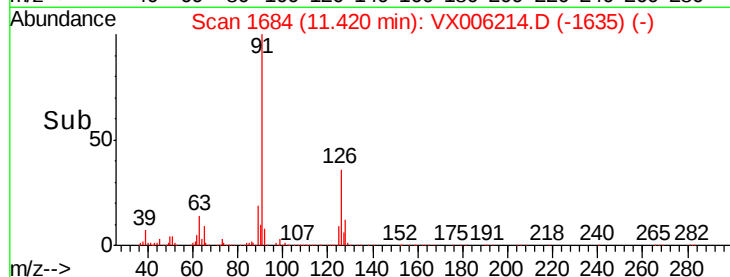
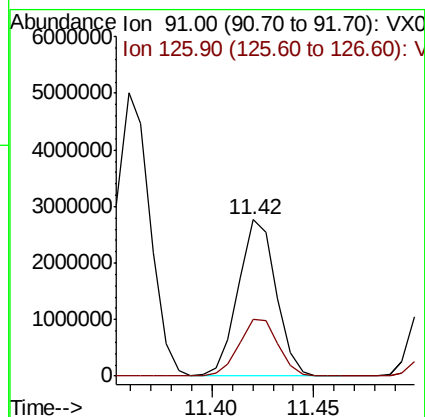
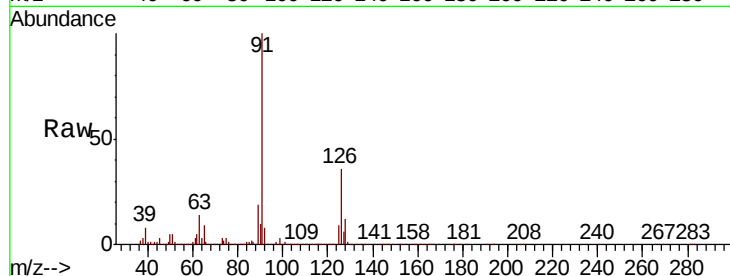
126 37.4 18.6 56.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 144.066 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006214.D

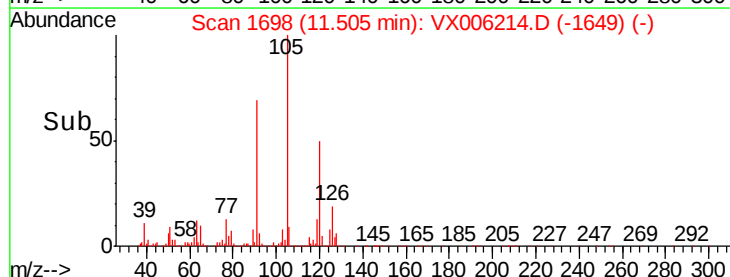
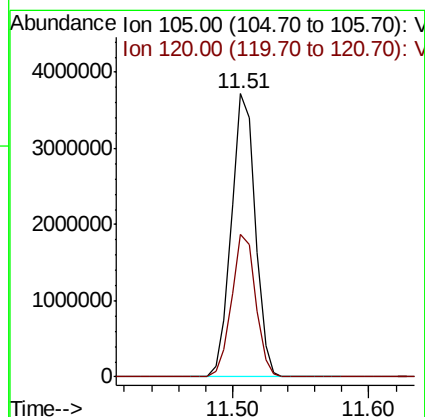
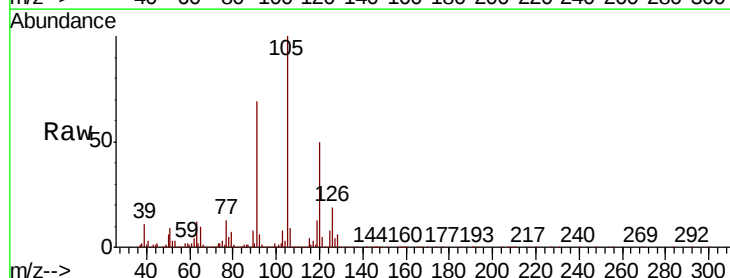
Acq: 29 Nov 2018 16:18

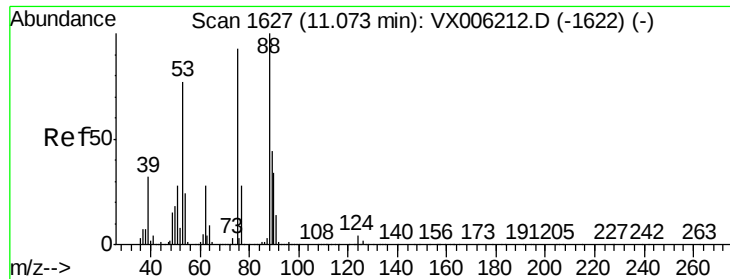
Tgt Ion: 105 Resp: 4531513

Ion Ratio Lower Upper

105 100

120 50.6 25.4 76.0





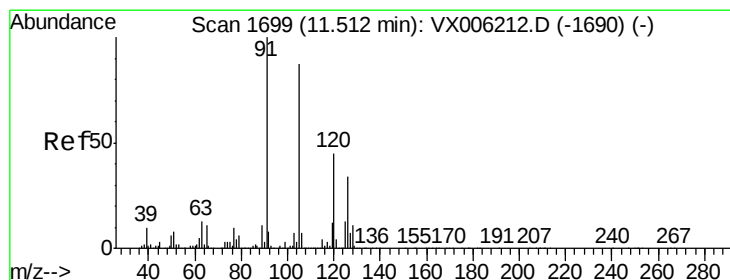
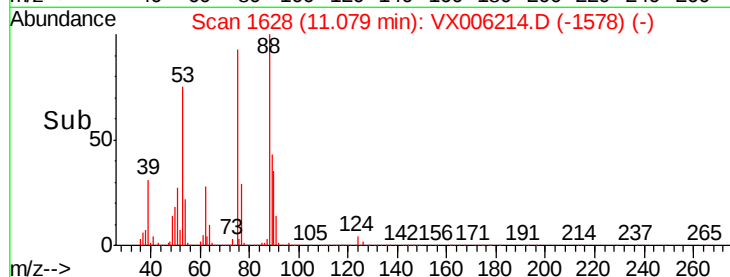
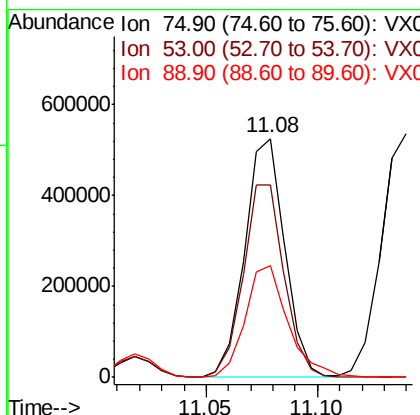
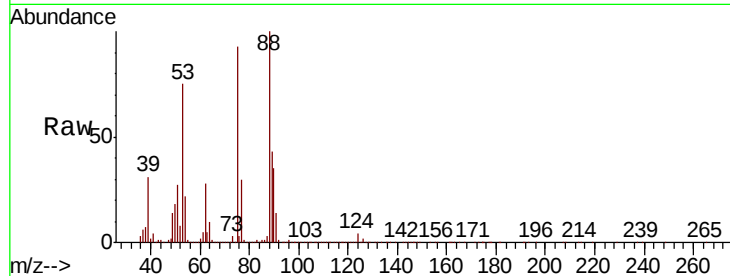
#81
trans-1,4-Dichloro-2-butene
Concen: 145.904 ug/l
RT: 11.08 min Scan# 1628
Delta R.T. 0.01 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
75	100		
53	82.7	64.4	96.6
89	50.5	44.2	66.4

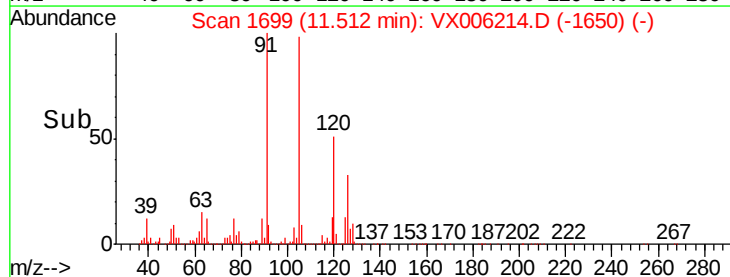
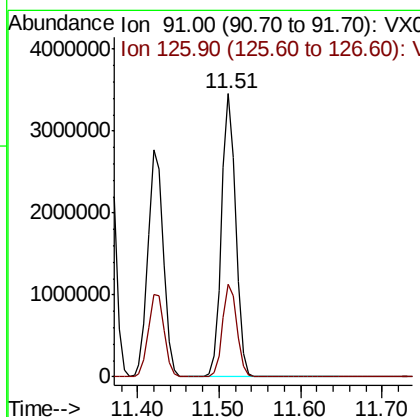
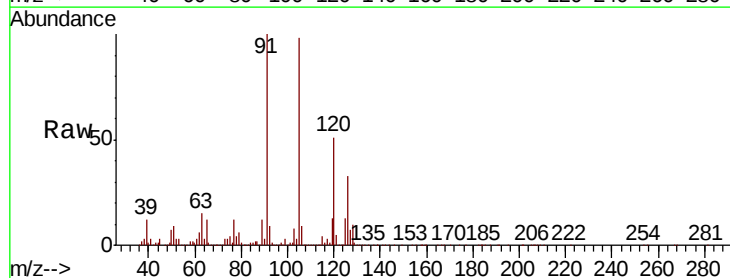
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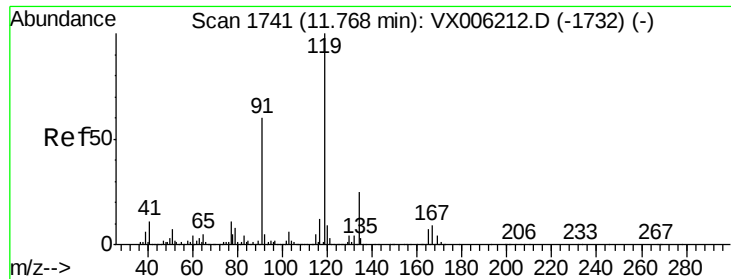
MMDadoda
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#82
4-Chlorotoluene
Concen: 145.804 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.4	49.4





#83

tert-Butylbenzene

Concen: 142.161 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:119 Resp: 4771014

Ion Ratio Lower Upper

119 100

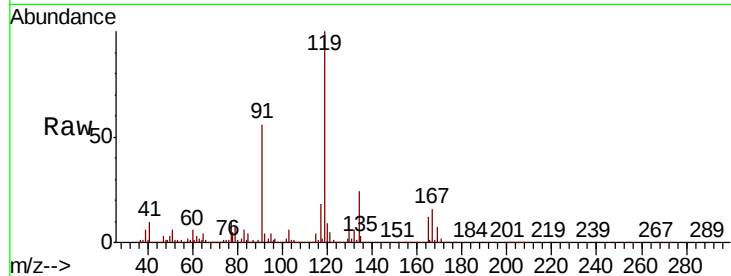
91 53.8 26.4 79.2

134 23.0 11.6 34.7

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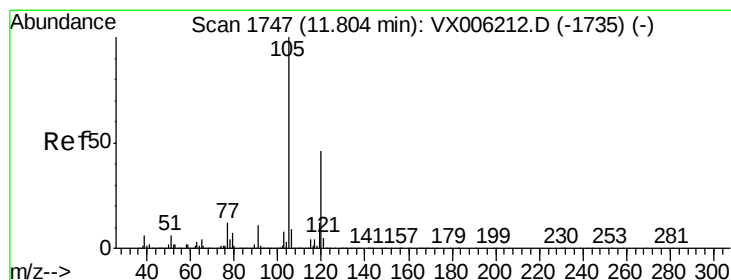
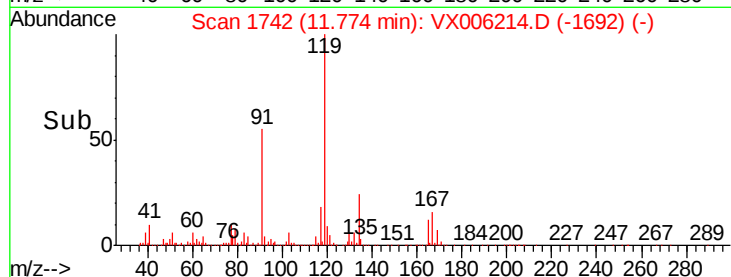
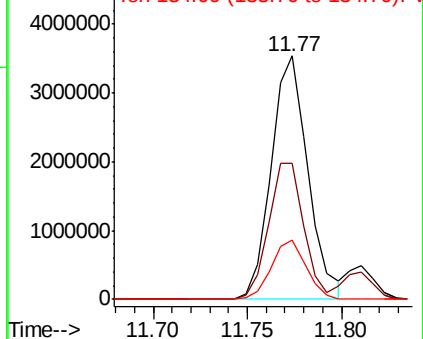
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 142.998 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX006214.D

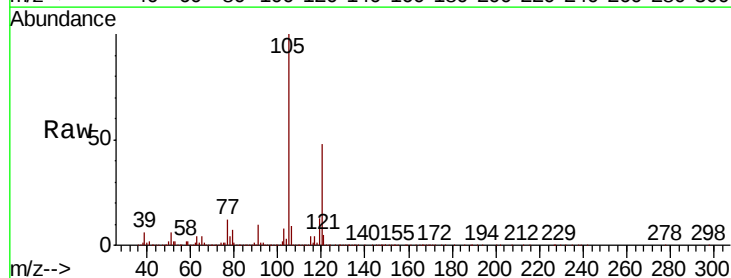
Acq: 29 Nov 2018 16:18

Tgt Ion:105 Resp: 4644507

Ion Ratio Lower Upper

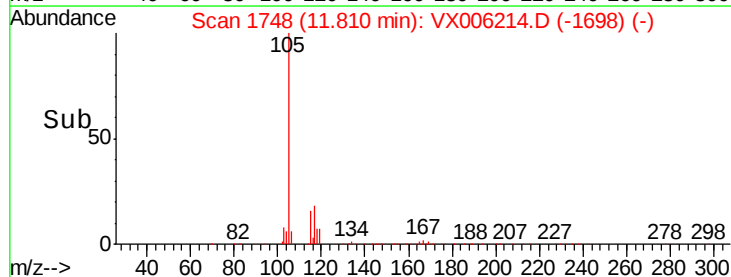
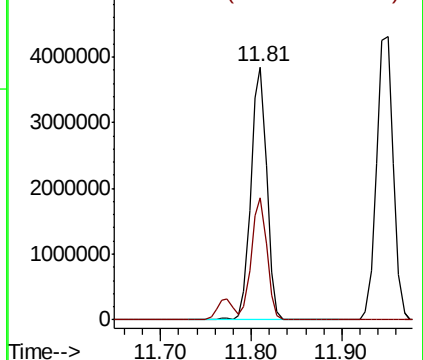
105 100

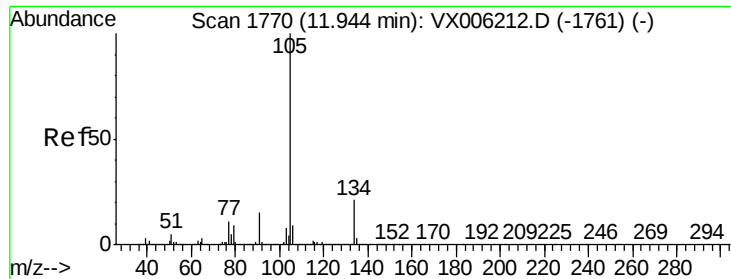
120 47.3 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





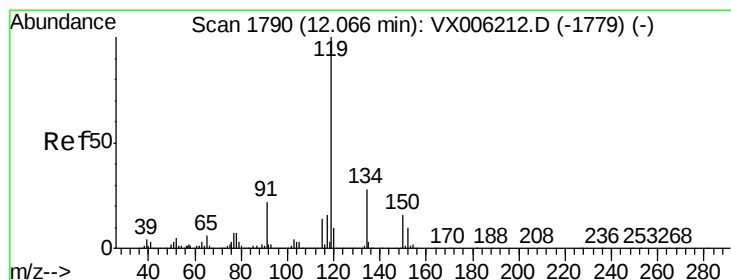
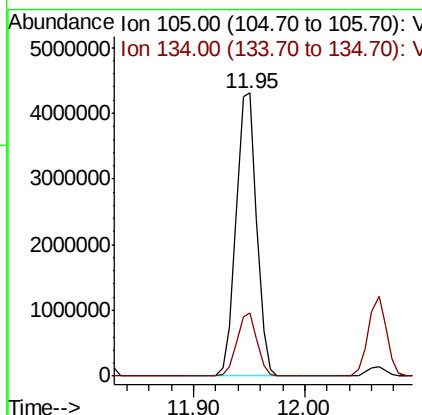
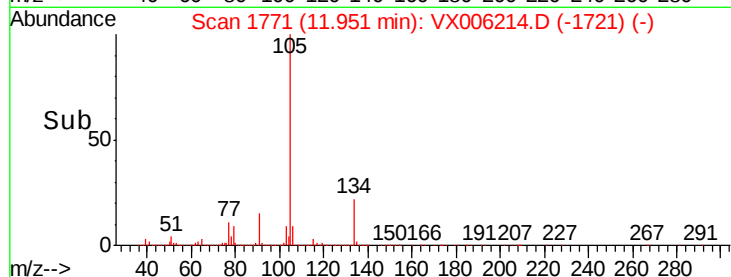
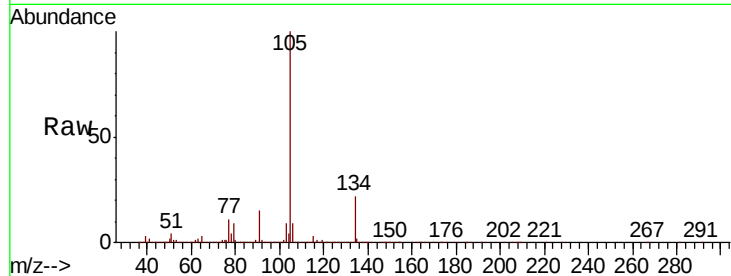
#85
 sec-Butylbenzene
 Concen: 144.168 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. 0.01 min
 Lab File: VX006214.D
 Acq: 29 Nov 2018 16:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 5504324
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.8 32.4

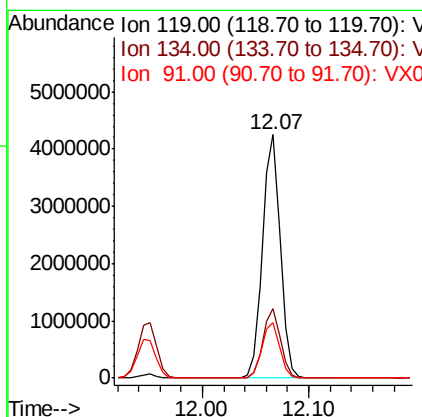
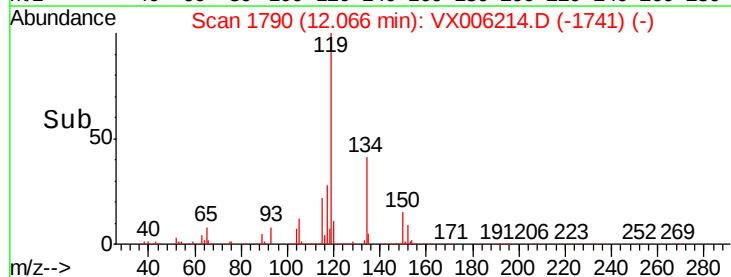
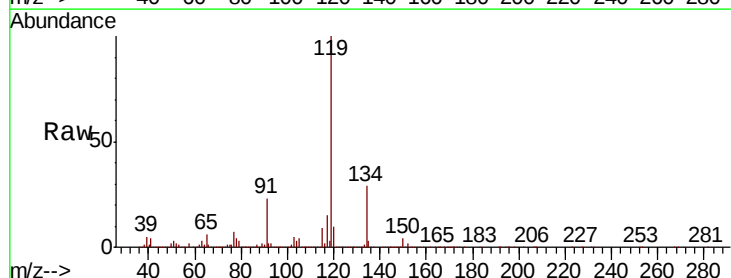
Manual Integrations
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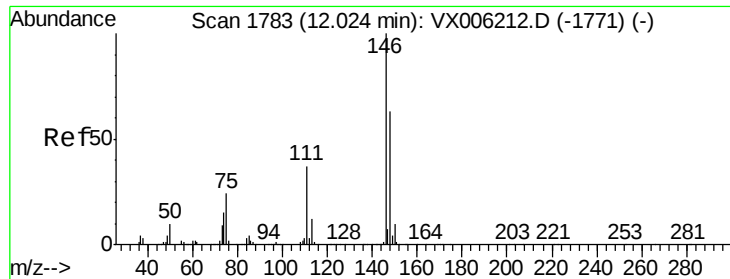
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#86
 p-Isopropyltoluene
 Concen: 144.976 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX006214.D
 Acq: 29 Nov 2018 16:18

Tgt Ion:119 Resp: 4984230
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.9 41.6
 91 23.0 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 147.232 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. 0.01 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 2748524

Ion Ratio Lower Upper

146 100

111 37.5 18.4 55.2

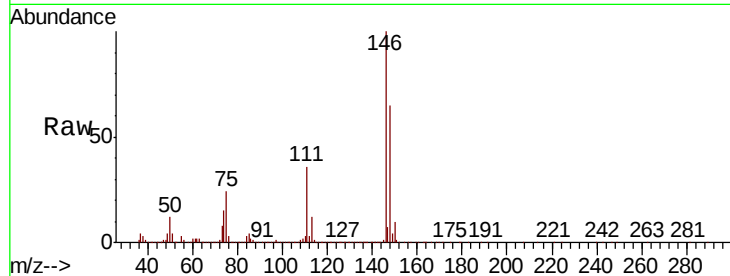
148 64.2 32.0 96.0

Manual Integrations

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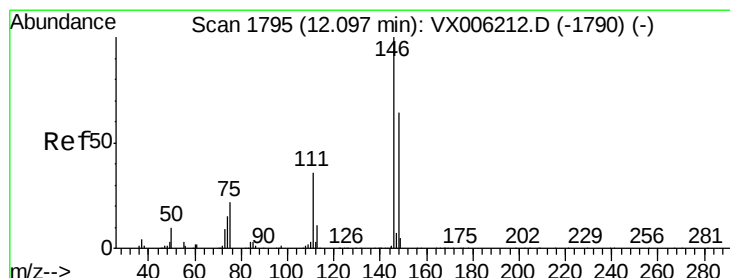
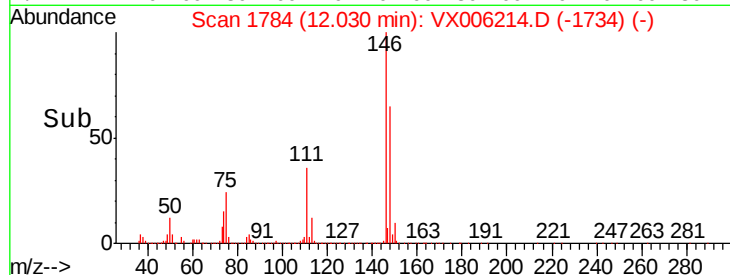
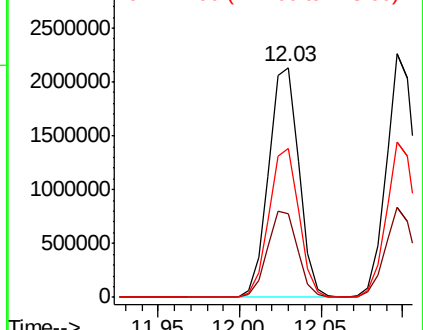


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 147.889 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX006214.D

Acq: 29 Nov 2018 16:18

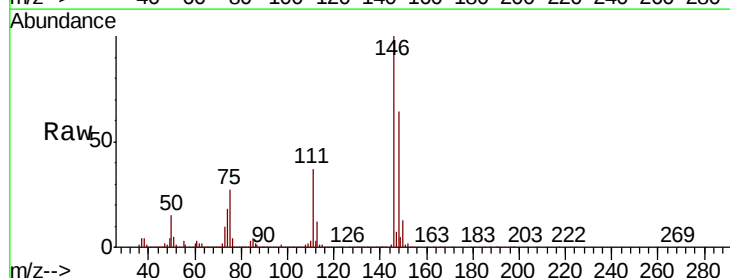
Tgt Ion:146 Resp: 2768618

Ion Ratio Lower Upper

146 100

111 36.4 18.3 54.8

148 63.9 31.9 95.9

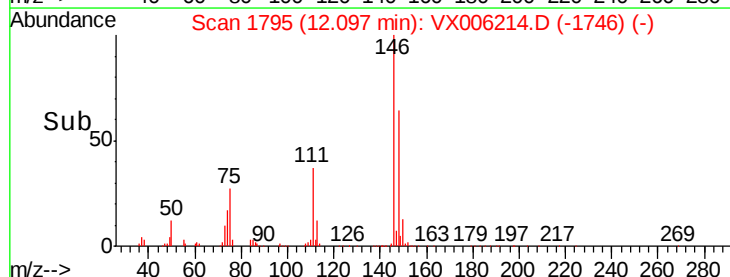
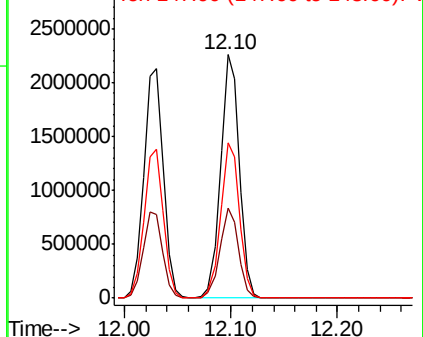


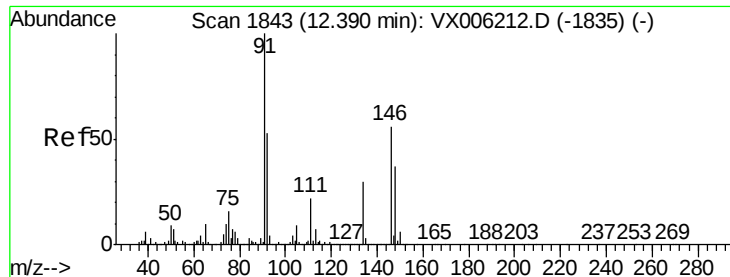
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





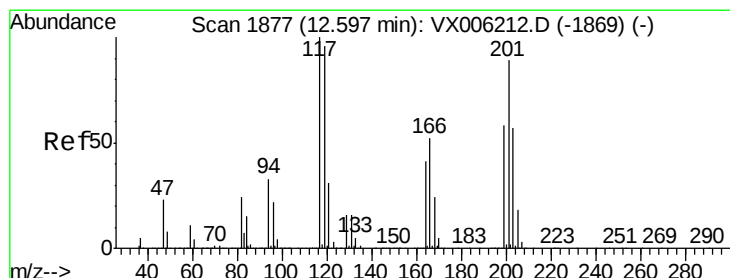
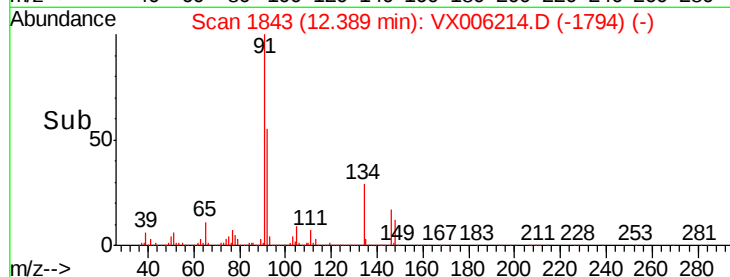
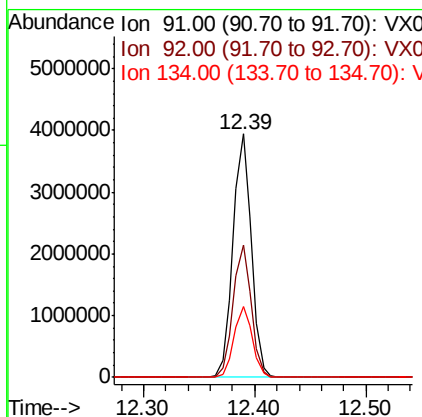
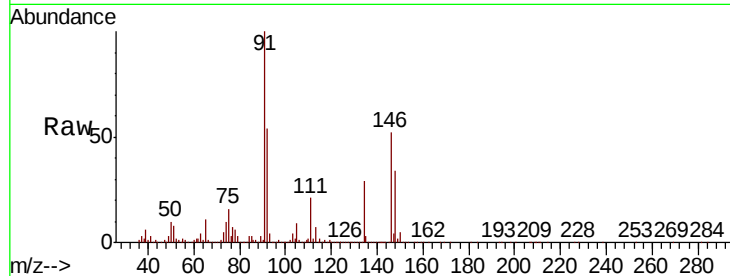
#89
n-Butylbenzene
Concen: 152.099 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 4461734
Ion Ratio Lower Upper
91 100
92 53.9 26.6 79.8
134 29.1 14.8 44.3

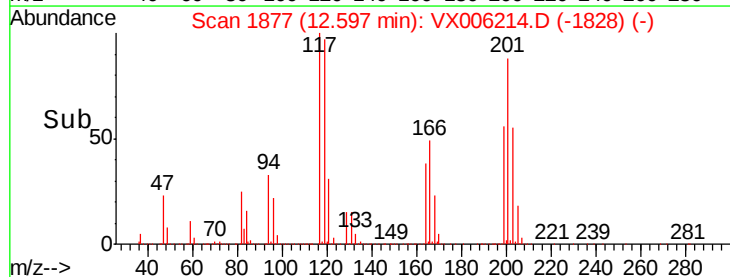
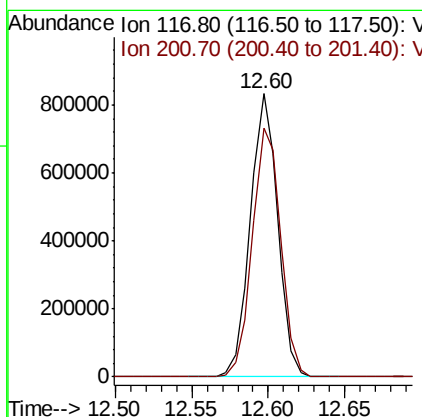
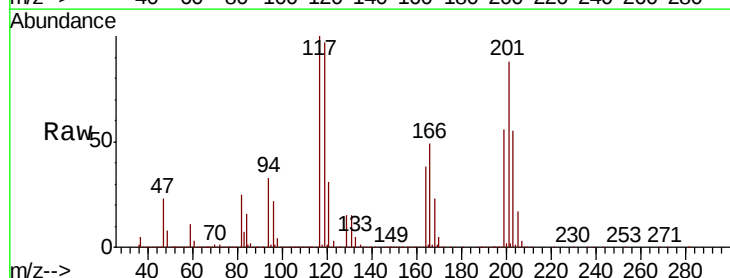
Manual Integrations
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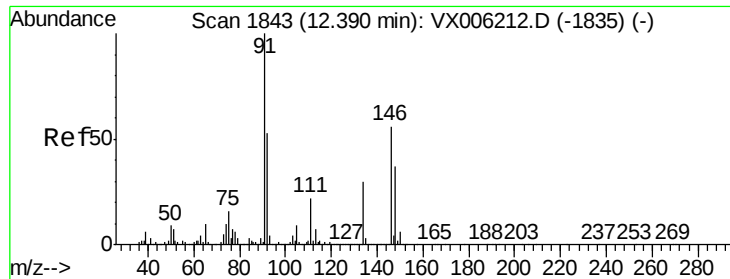
MMDadoda
11/30/2018 10:13:20 AM



#90
Hexachloroethane
Concen: 147.726 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Tgt Ion: 117 Resp: 1035107
Ion Ratio Lower Upper
117 100
201 91.3 44.7 134.1





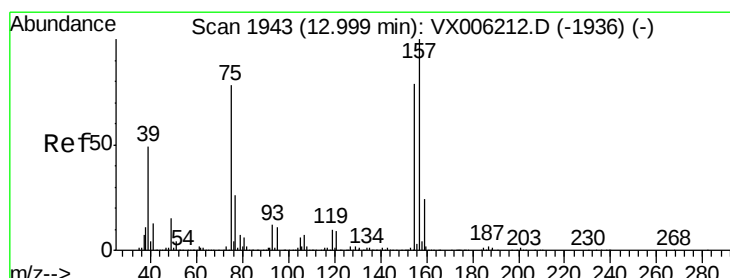
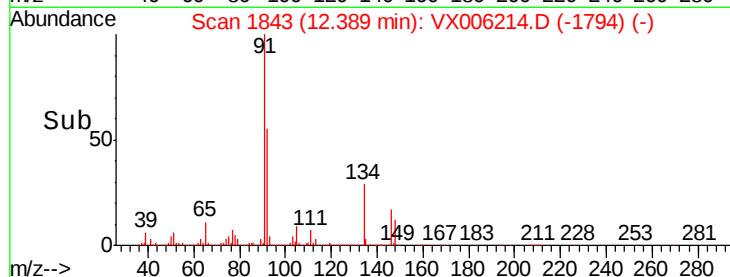
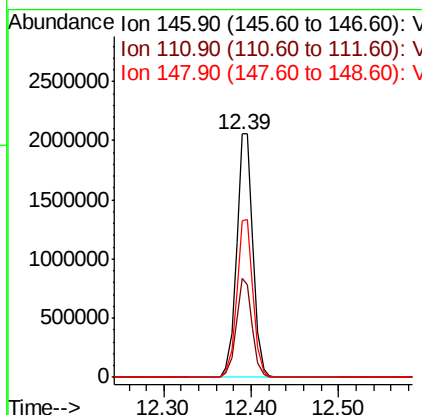
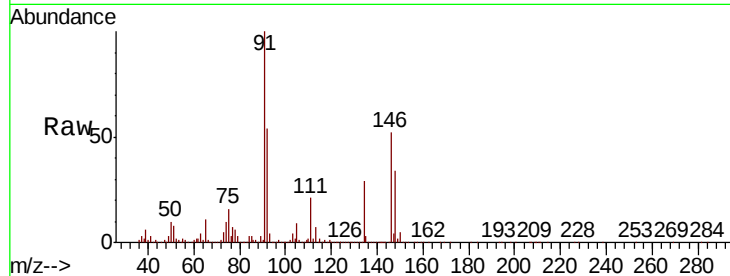
#91
1,2-Dichlorobenzene
Concen: 145.313 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.1	57.3
148	64.5	32.1	96.3

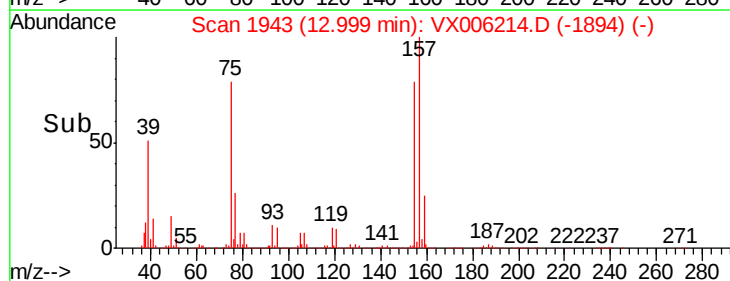
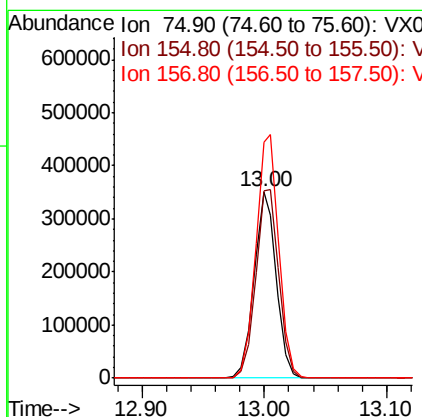
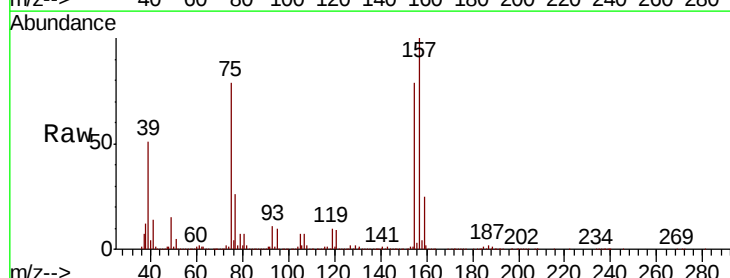
Manual Integrations
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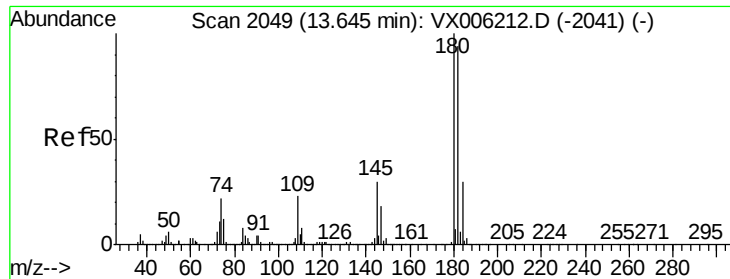
MMDadoda
11/30/2018 10:13:20 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 143.392 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.0	53.4	160.3
157	134.6	68.0	203.8





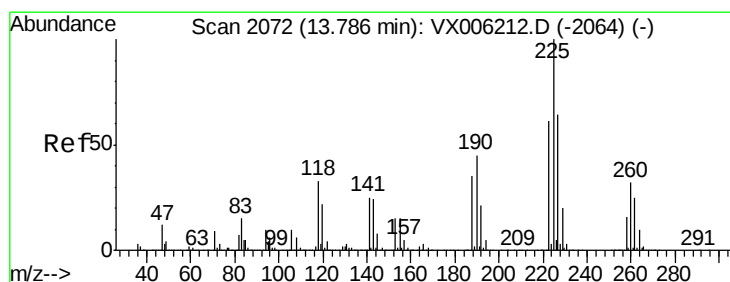
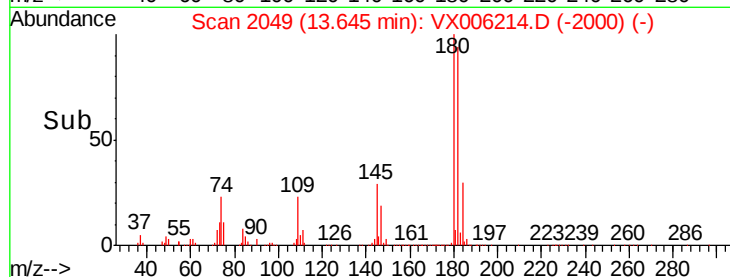
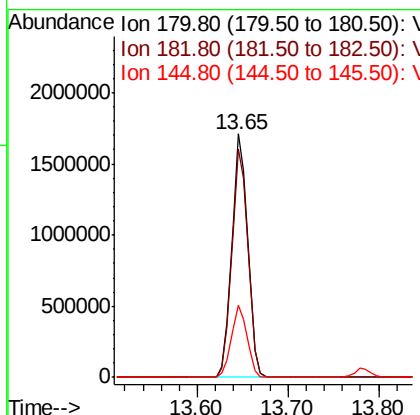
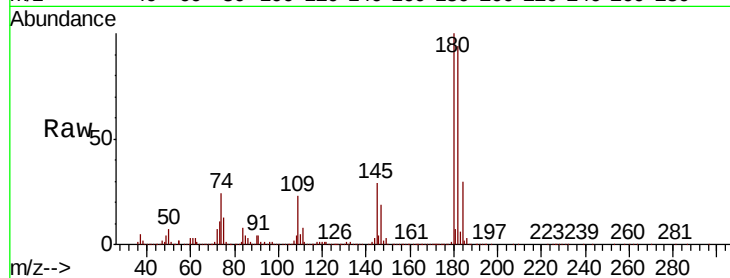
#93
 1,2,4-Trichlorobenzene
 Concen: 153.287 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006214.D
 Acq: 29 Nov 2018 16:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.3	141.9
145	29.2	14.6	43.8

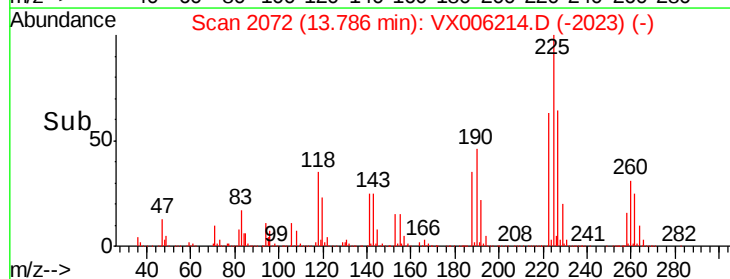
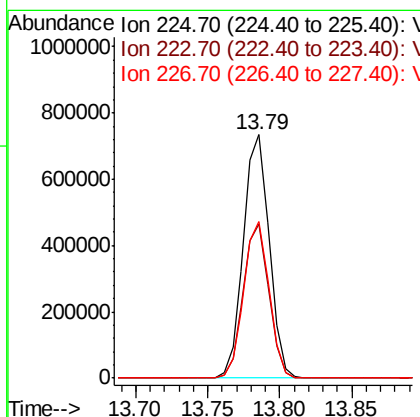
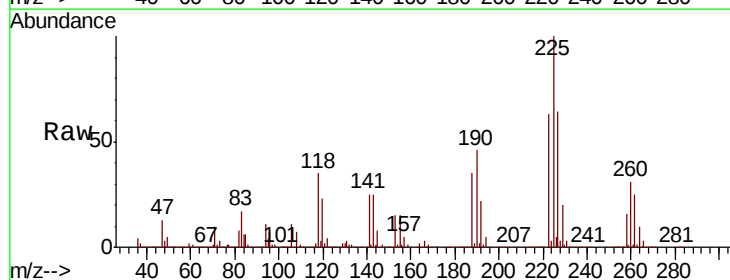
Manual Integrations
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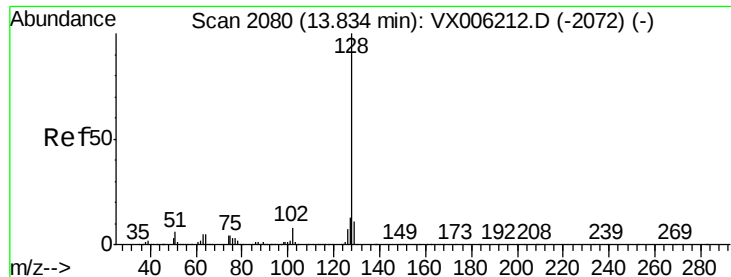
MMDadoda
 11/30/2018 10:13:20 AM



#94
 Hexachlorobutadiene
 Concen: 152.111 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX006214.D
 Acq: 29 Nov 2018 16:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.2	93.6
227	63.6	31.9	95.5





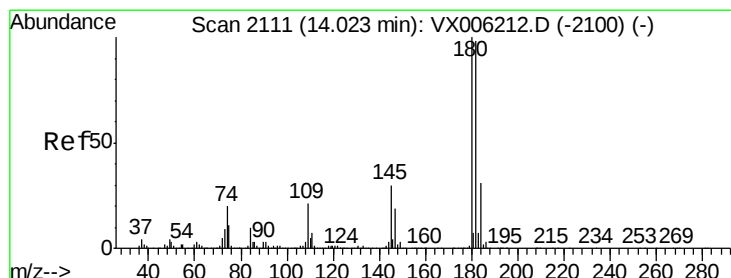
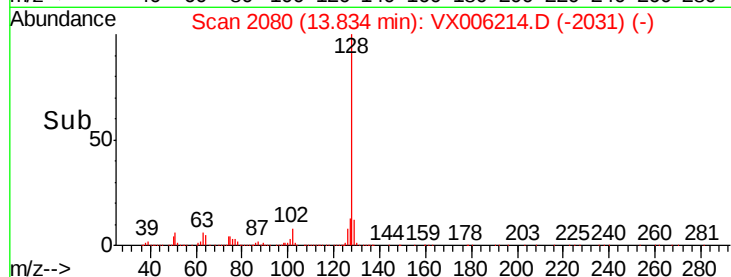
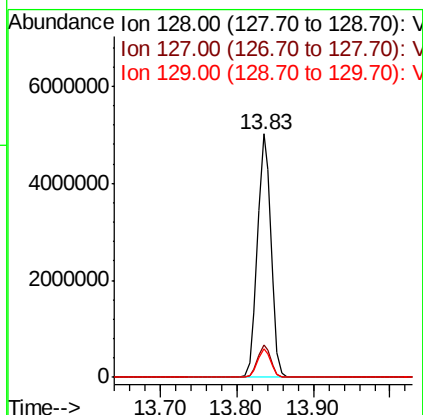
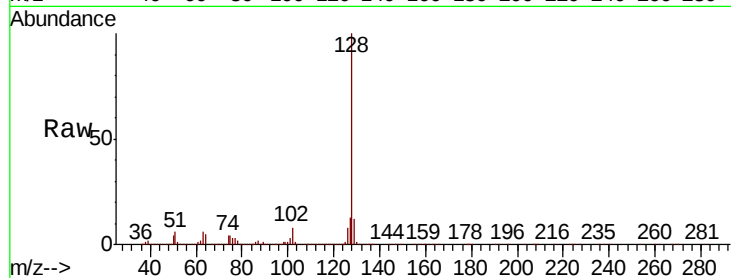
#95
Naphthalene
Concen: 147.717 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	11.3	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
11/30/2018 10:13:20 AM



#96
1,2,3-Trichlorobenzene
Concen: 153.154 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX006214.D
Acq: 29 Nov 2018 16:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.4	145.2
145	31.1	15.6	46.8

