

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005094.D
 Acq On : 06 Oct 2018 04:39
 Operator : JC/MD
 Sample : VX1005WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 2:02:42 PM

Quant Time: Oct 06 06:59:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	201401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	281771	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	269561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166837	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	155566	54.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.14%	
35) Dibromofluoromethane	5.50	113	124393	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
50) Toluene-d8	8.72	98	444391	55.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.96%	
62) 4-Bromofluorobenzene	11.14	95	162184	56.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	57649	20.993	ug/l	98
3) Chloromethane	1.32	50	70551	21.176	ug/l	90
4) Vinyl Chloride	1.40	62	65007	20.804	ug/l	98
5) Bromomethane	1.64	94	38169	20.599	ug/l	93
6) Chloroethane	1.72	64	39385	21.816	ug/l	99
7) Trichlorofluoromethane	1.93	101	84157	21.755	ug/l	99
8) Diethyl Ether	2.19	74	33045	19.663	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48322	21.929	ug/l	99
10) Methyl Iodide	2.51	142	44515	15.097	ug/l	93
11) Tert butyl alcohol	3.07	59	93983	116.830	ug/l	98
12) 1,1-Dichloroethene	2.37	96	43491	19.929	ug/l	94
13) Acrolein	2.29	56	12173	21.268	ug/l	90
14) Allyl chloride	2.73	41	96925	20.356	ug/l	96
15) Acrylonitrile	3.15	53	193926	109.508	ug/l	95
16) Acetone	2.45	43	170239	101.353	ug/l	92
17) Carbon Disulfide	2.57	76	117194	17.872	ug/l	97
18) Methyl Acetate	2.78	43	115914	27.238	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	166554	22.127	ug/l	91
20) Methylene Chloride	2.85	84	58861	23.660	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	47424	19.852	ug/l	96
22) Diisopropyl ether	3.87	45	184102	22.961	ug/l #	89
23) Vinyl Acetate	3.82	43	728143	99.212	ug/l	96
24) 1,1-Dichloroethane	3.70	63	102611	21.454	ug/l	100
25) 2-Butanone	4.70	43	260848	105.356	ug/l	93
26) 2,2-Dichloropropane	4.58	77	47770	14.343	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	55698	20.871	ug/l	97
28) Bromochloromethane	5.02	49	45151	20.047	ug/l	98
29) Tetrahydrofuran	5.17	42	172718	112.239	ug/l	99
30) Chloroform	5.21	83	95402	21.106	ug/l	89
31) Cyclohexane	5.58	56	80045	21.867	ug/l #	80
32) 1,1,1-Trichloroethane	5.49	97	77407	20.969	ug/l	96
36) 1,1-Dichloropropene	5.79	75	64841	19.901	ug/l	95
37) Ethyl Acetate	4.86	43	94130	21.765	ug/l	98
38) Carbon Tetrachloride	5.78	117	67320	19.656	ug/l	92

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Manual Integrations
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 10/8/2018 2:02:42 PM

Quant Time: Oct 06 06:59:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65288	19.624	ug/l	88
40) Benzene	6.14	78	203739	19.974	ug/l	91
41) Methacrylonitrile	5.06	41	49435	20.611	ug/l #	94
42) 1,2-Dichloroethane	6.20	62	75426	20.917	ug/l	96
43) Isopropyl Acetate	6.46	43	127987	20.503	ug/l	97
44) Trichloroethene	7.21	130	50687	20.214	ug/l	97
45) 1,2-Dichloropropane	7.52	63	53419	21.355	ug/l	97
46) Dibromomethane	7.66	93	32739	20.826	ug/l	99
47) Bromodichloromethane	7.90	83	62365	21.189	ug/l	99
48) Methyl methacrylate	7.77	41	63243	22.321	ug/l	100
49) 1,4-Dioxane	7.76	88	30049	426.889	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	447413	113.832	ug/l	98
52) Toluene	8.79	92	118363	21.118	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	63723	19.159	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	71308	20.468	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	50895	20.730	ug/l	95
56) Ethyl methacrylate	9.18	69	73097	20.159	ug/l	98
57) 1,3-Dichloropropane	9.37	76	84645	20.715	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	221719	113.080	ug/l	100
59) 2-Hexanone	9.50	43	349908	106.831	ug/l	94
60) Dibromochloromethane	9.59	129	50134	20.418	ug/l	98
61) 1,2-Dibromoethane	9.67	107	51369	19.537	ug/l	94
64) Tetrachloroethene	9.34	164	57392	21.632	ug/l	97
65) Chlorobenzene	10.14	112	132989	19.239	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	48116	19.800	ug/l	98
67) Ethyl Benzene	10.26	91	218971	19.953	ug/l	95
68) m/p-Xylenes	10.36	106	171899	40.085	ug/l	95
69) o-Xylene	10.70	106	81799	20.767	ug/l	100
70) Styrene	10.71	104	137671	20.028	ug/l	99
71) Bromoform	10.86	173	40033	19.242	ug/l #	97
73) Isopropylbenzene	11.02	105	225163	21.412	ug/l	100
74) N-amyl acetate	10.90	43	104431	19.184	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	81031	18.929	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	74932m	20.038	ug/l	
77) Bromobenzene	11.26	156	61456	20.120	ug/l	99
78) n-propylbenzene	11.36	91	258016	21.384	ug/l	99
79) 2-Chlorotoluene	11.42	91	157301	20.915	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	192458	19.849	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19045	15.326	ug/l	96
82) 4-Chlorotoluene	11.51	91	183663	20.747	ug/l	99
83) tert-Butylbenzene	11.77	119	183904	21.241	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	197095	19.709	ug/l	99
85) sec-Butylbenzene	11.94	105	226867	21.512	ug/l	100
86) p-Isopropyltoluene	12.07	119	201849	21.126	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	113489	19.898	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	114526	19.452	ug/l	98
89) n-Butylbenzene	12.39	91	172880	19.923	ug/l	99
90) Hexachloroethane	12.60	117	31175	19.597	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	115352	19.353	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19450	20.694	ug/l	98

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VX1005WBS02

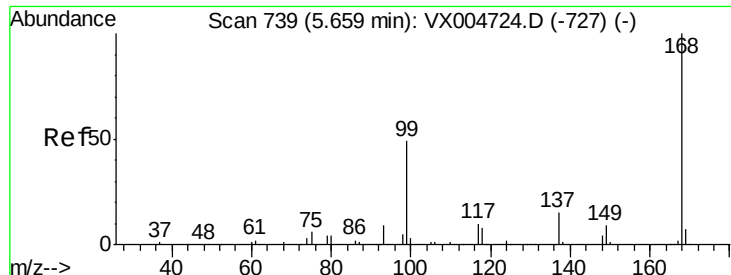
Manual Integrations
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Quant Time: Oct 06 06:59:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	83683	20.014	ug/l	98
94) Hexachlorobutadiene	13.79	225	42831	19.755	ug/l	99
95) Naphthalene	13.83	128	257911	19.037	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	87935	20.359	ug/l	99

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



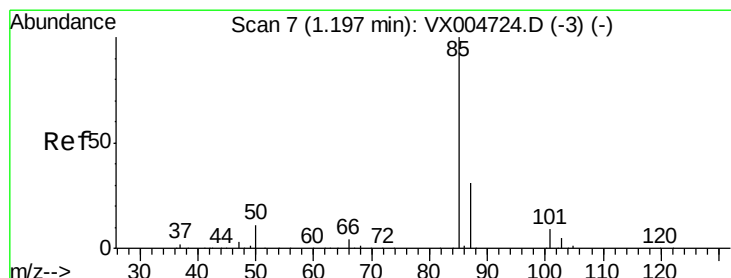
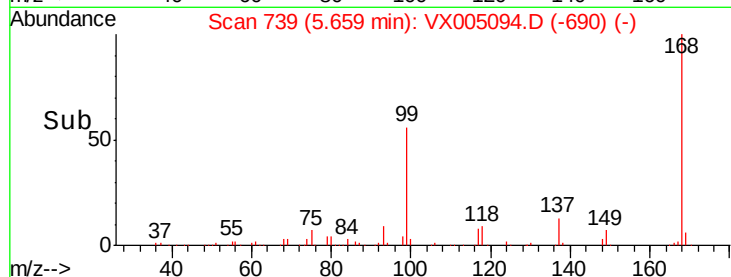
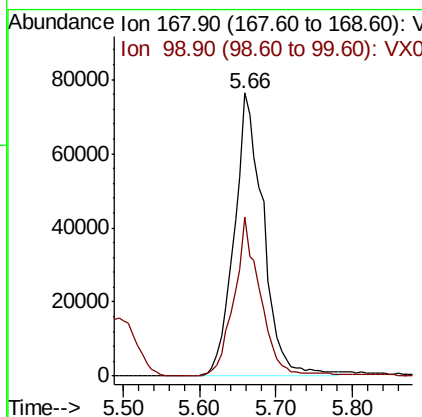
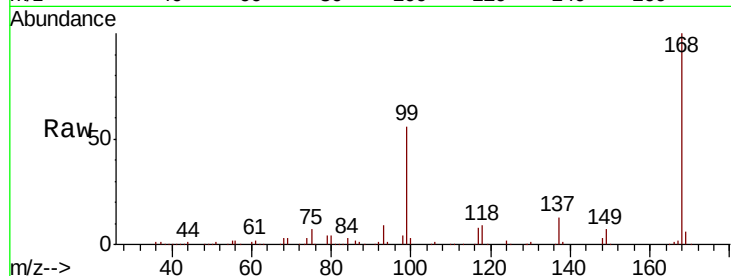
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Instrument :
MSVOA_X
ClientSampled :
VX1005WBS02

Tot Ion	Ratio	Lower	Upper
168	100		
99	56.1	39.3	58.9

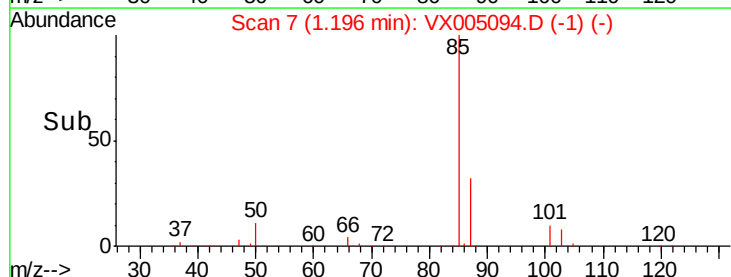
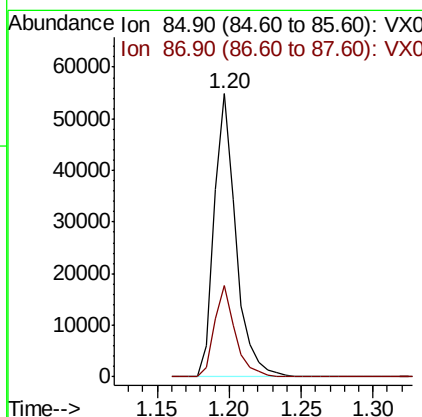
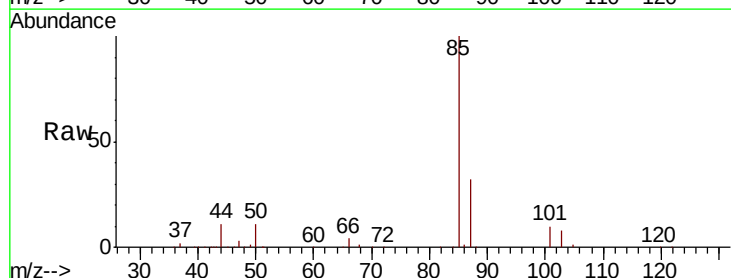
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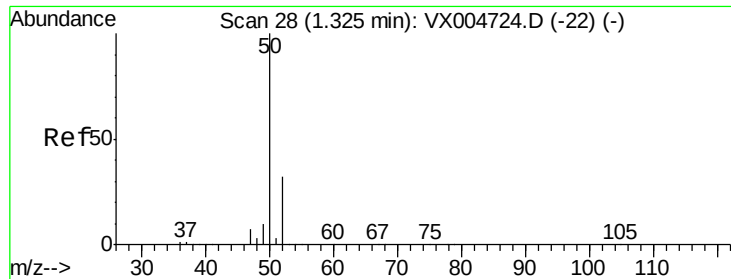
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#2
Dichlorodifluoromethane
Concen: 20.993 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	15.7	47.1





#3

Chloromethane

Concen: 21.176 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBS02

Tot Ion: 50 Resp: 70551

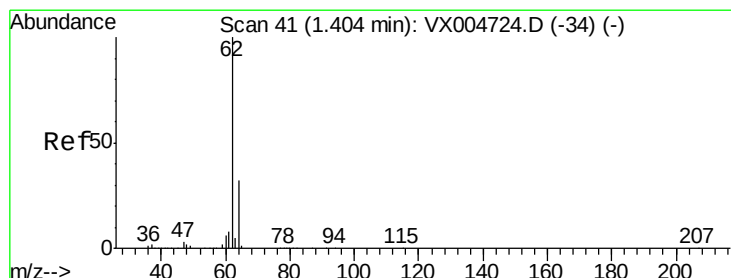
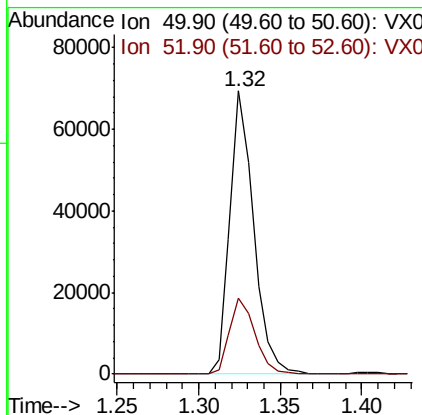
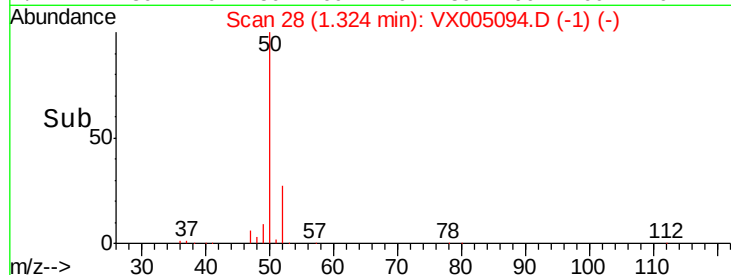
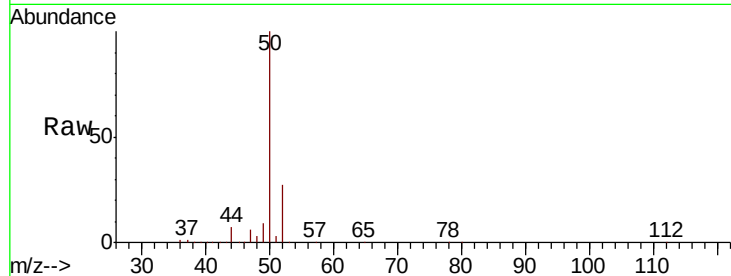
Ion Ratio Lower Upper

50 100

52 26.8 25.8 38.6

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#4

Vinyl Chloride

Concen: 20.804 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005094.D

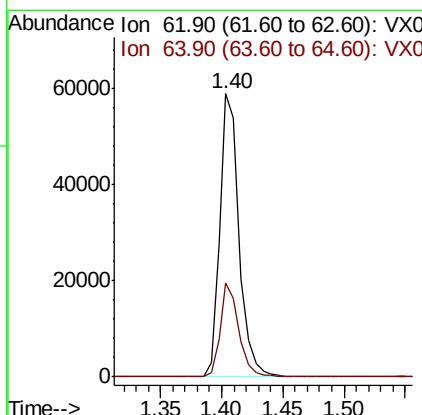
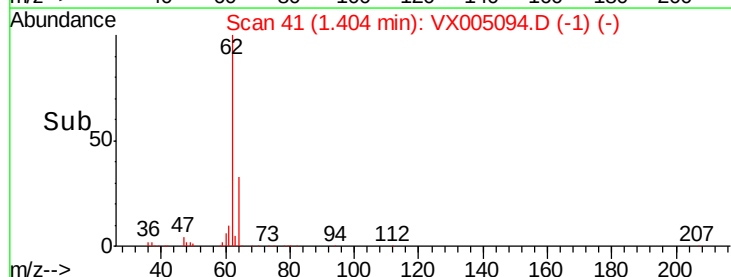
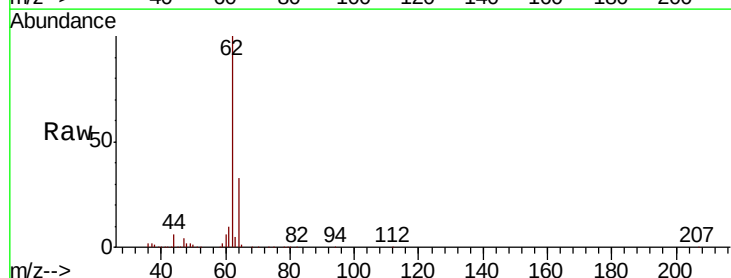
Acq: 06 Oct 2018 04:39

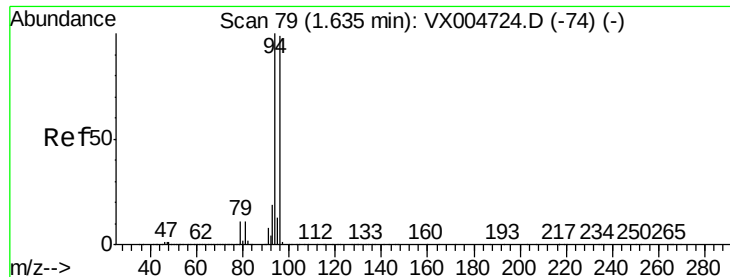
Tgt Ion: 62 Resp: 65007

Ion Ratio Lower Upper

62 100

64 33.0 25.5 38.3





#5

Bromomethane

Concen: 20.599 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBS02

Tot Ion: 94 Resp: 38169

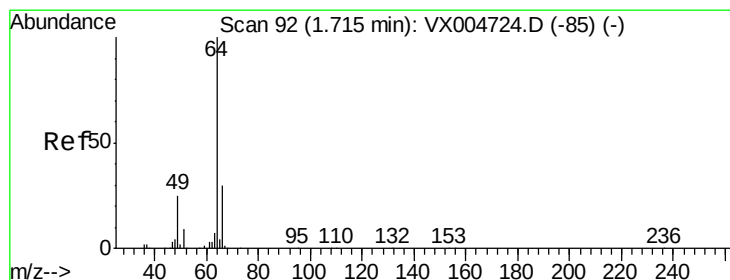
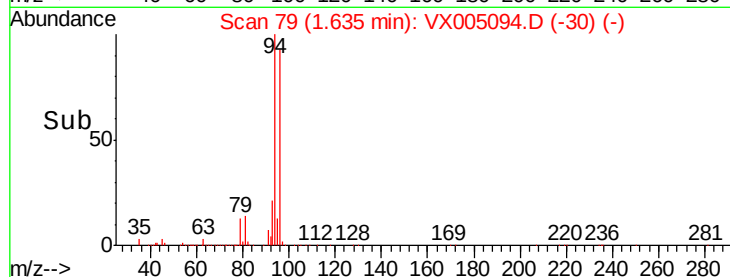
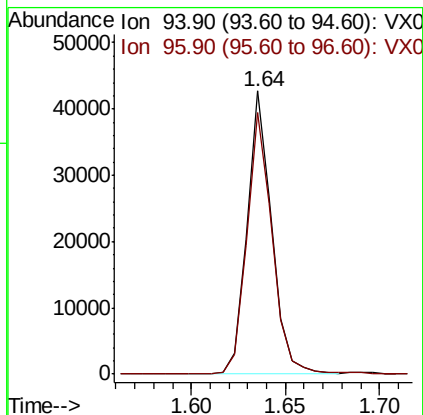
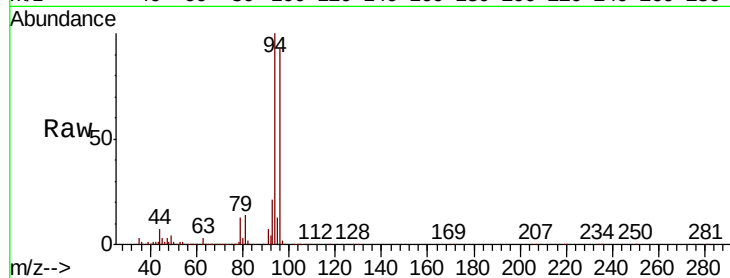
Ion Ratio Lower Upper

94 100

96 92.6 79.5 119.3

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#6

Chloroethane

Concen: 21.816 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005094.D

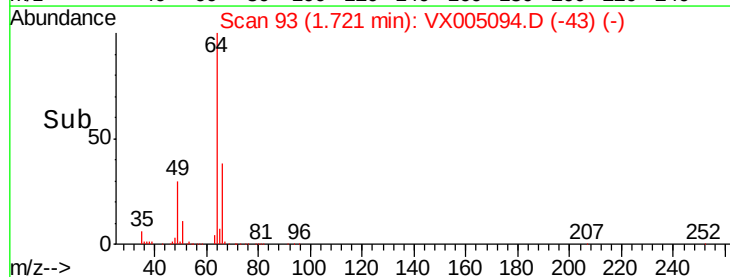
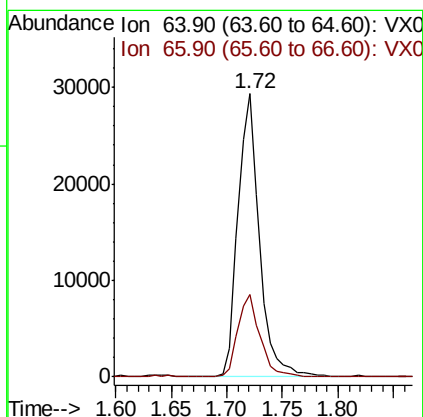
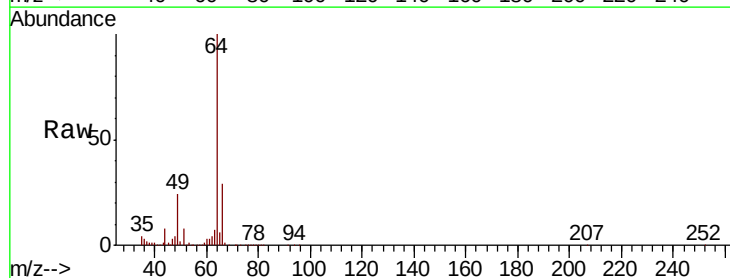
Acq: 06 Oct 2018 04:39

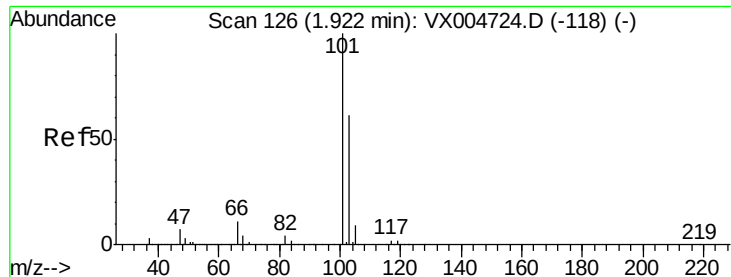
Tgt Ion: 64 Resp: 39385

Ion Ratio Lower Upper

64 100

66 29.2 23.8 35.6





#7

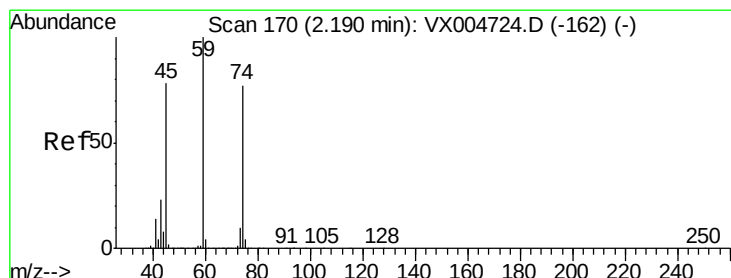
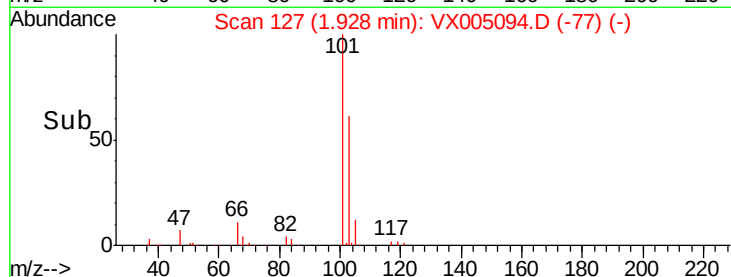
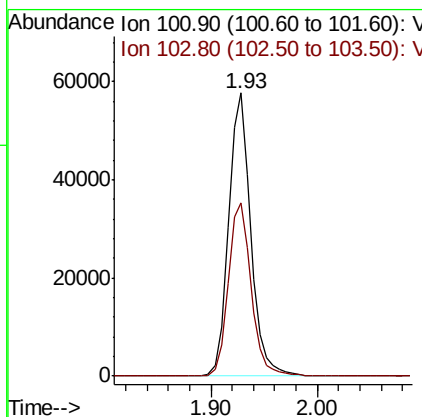
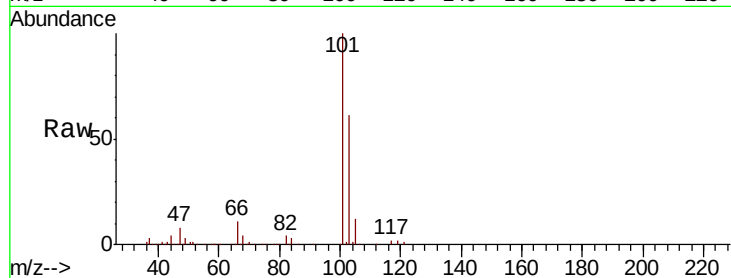
Trichlorofluoromethane
 Concen: 21.755 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.3	48.4	72.6

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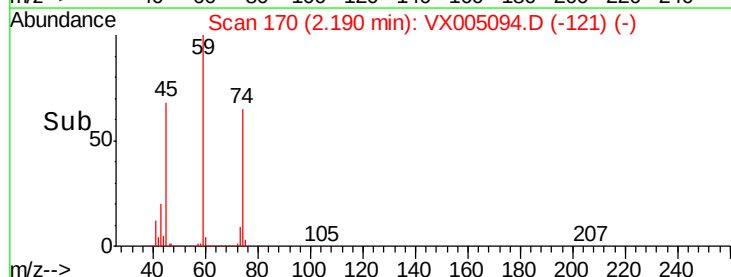
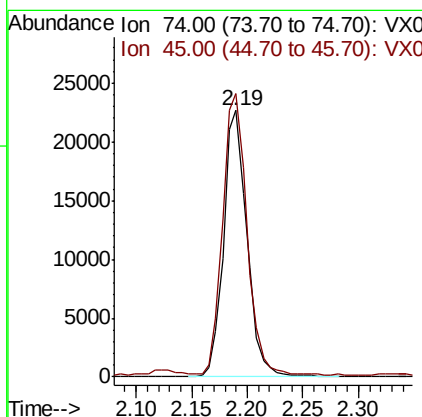
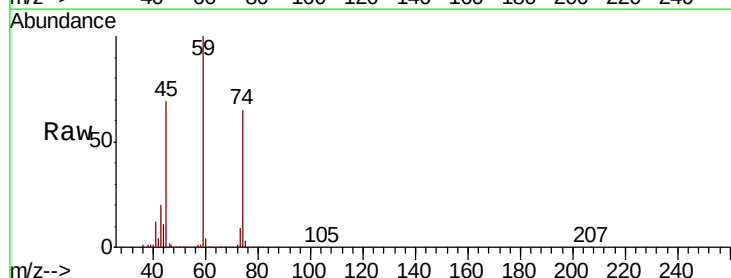
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 10/8/2018 2:02:42 PM

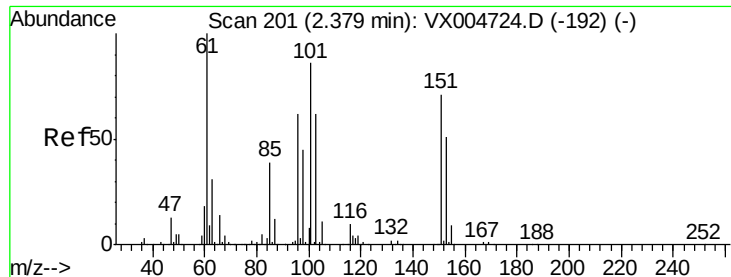


#8

Diethyl Ether
 Concen: 19.663 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.0	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.929 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

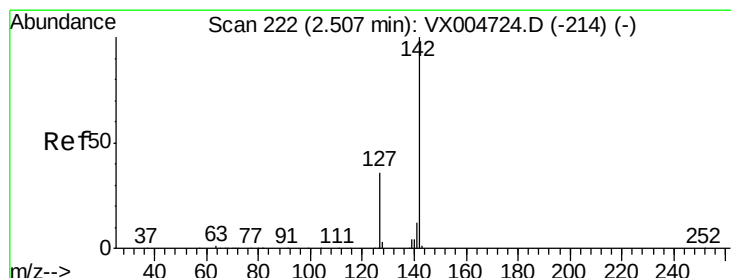
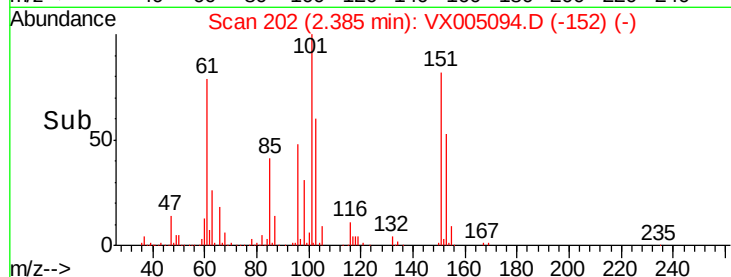
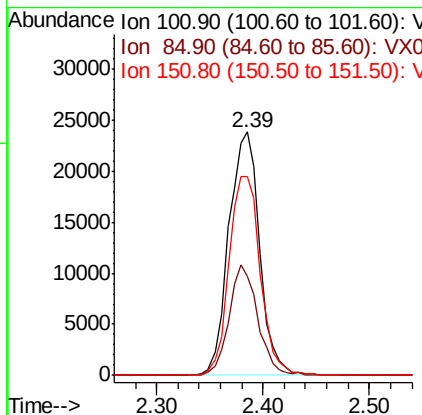
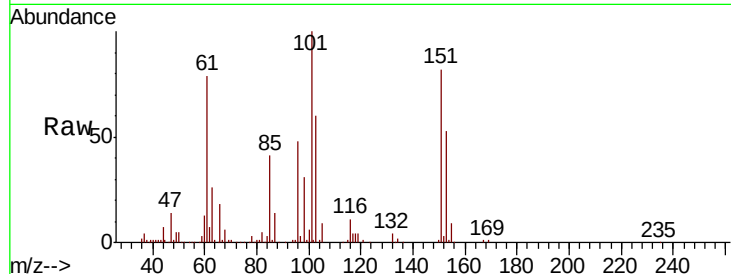
ClientSampleId :

VX1005WBS02

Tot Ion:	101	Resp:	48322
Ion Ratio	Lower	Upper	
101	100		
85	42.5	35.9	53.9
151	83.1	66.6	100.0

Manual Integrations
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#10

Methyl Iodide

Concen: 15.097 ug/l

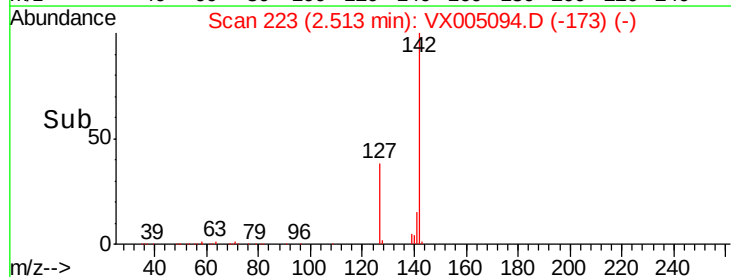
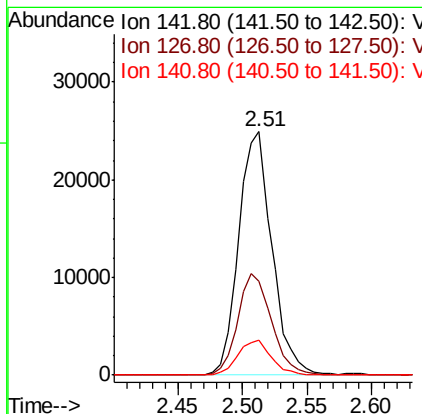
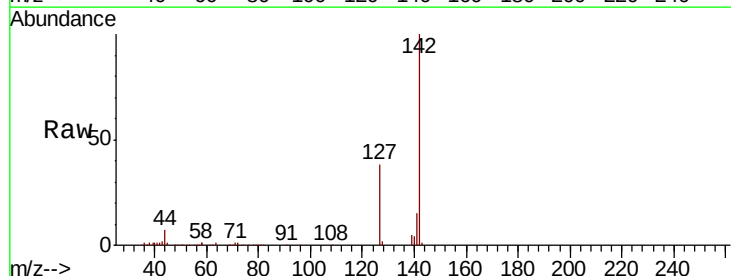
RT: 2.51 min Scan# 223

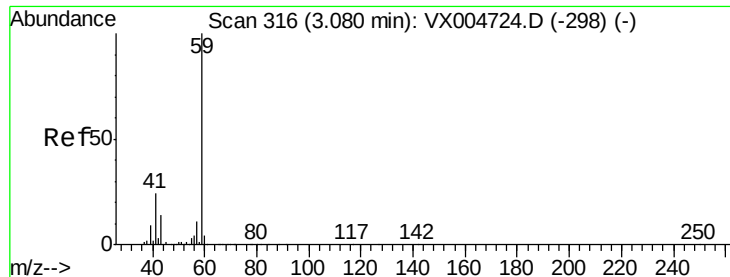
Delta R.T. 0.01 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Tgt Ion:	142	Resp:	44515
Ion Ratio	Lower	Upper	
142	100		
127	42.3	30.1	45.1
141	14.5	10.1	15.1





#11

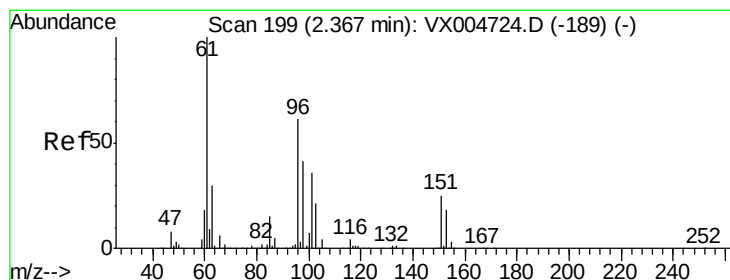
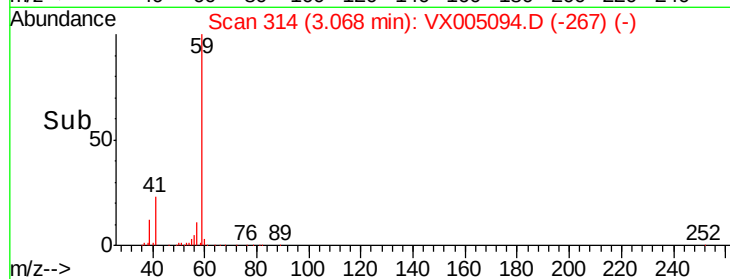
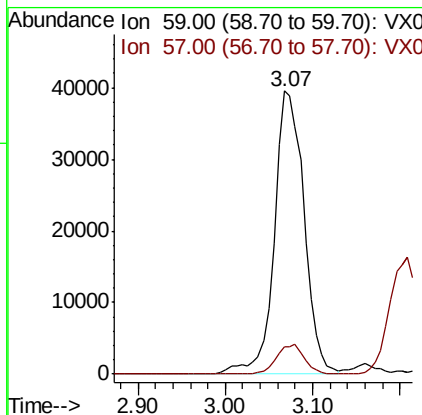
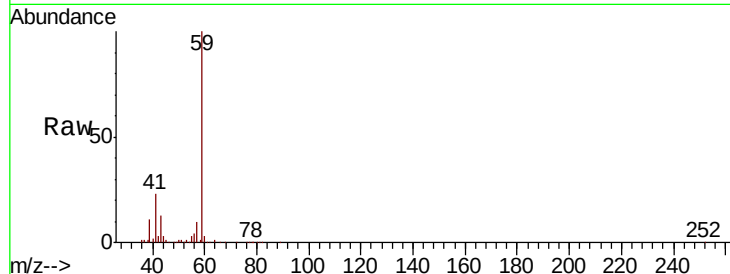
Tert butyl alcohol
 Concen: 116.830 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Instrument :
 MSVOA_X
 ClientSampled :
 VX1005WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.6	12.8

Manual Integrations
 APPROVED

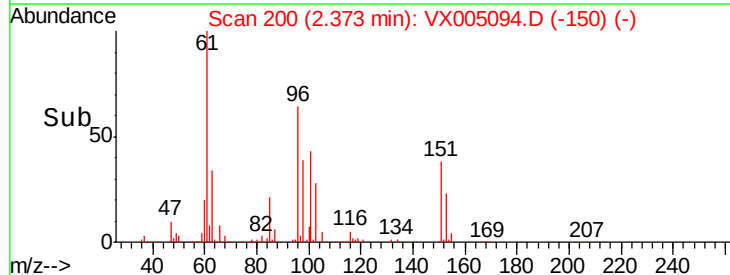
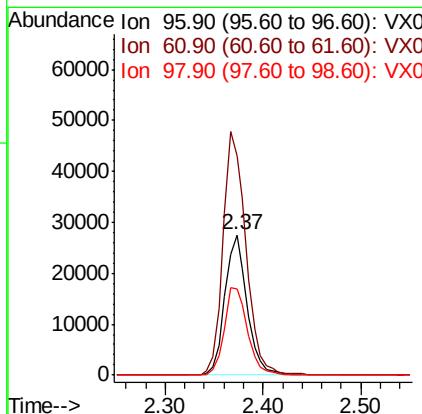
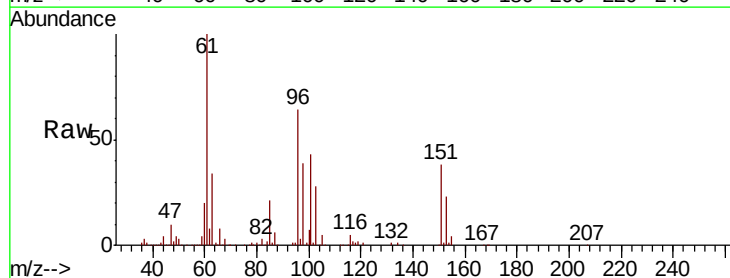
MMDadoda
 10/8/2018 2:02:42 PM

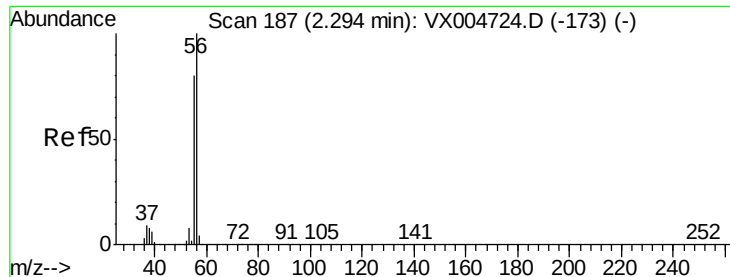


#12

1,1-Dichloroethene
 Concen: 19.929 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.9	130.2	195.4
98	61.6	53.4	80.0





#13

Acrolein

Concen: 21.268 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBS02

Tot Ion: 56 Resp: 12173

Ion Ratio Lower Upper

56 100

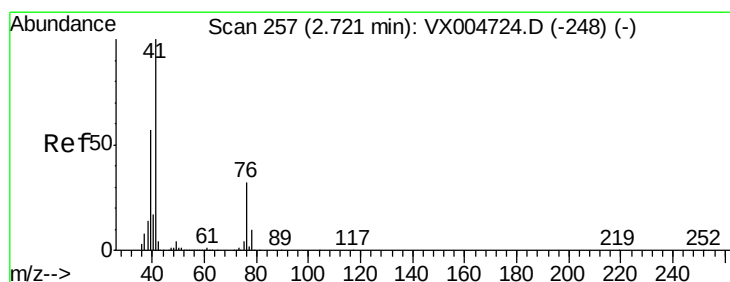
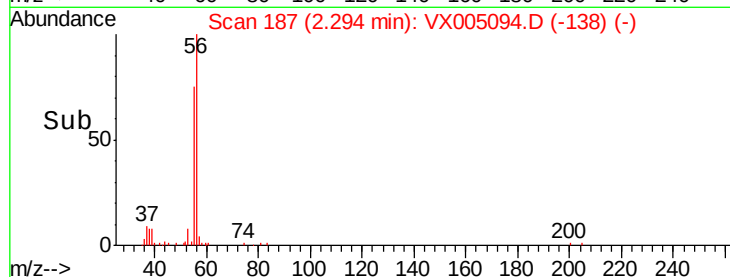
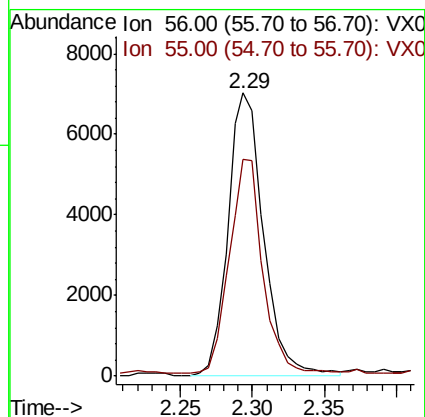
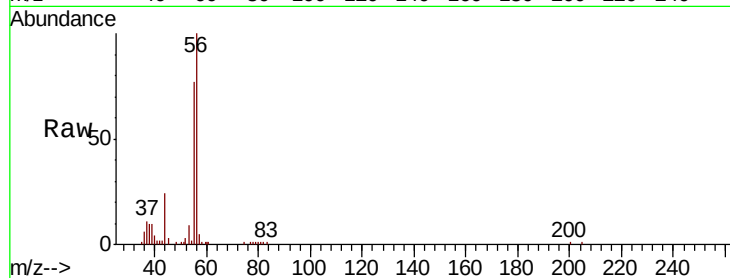
55 70.7 63.4 95.2

Manual Integrations

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#14

Allyl chloride

Concen: 20.356 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

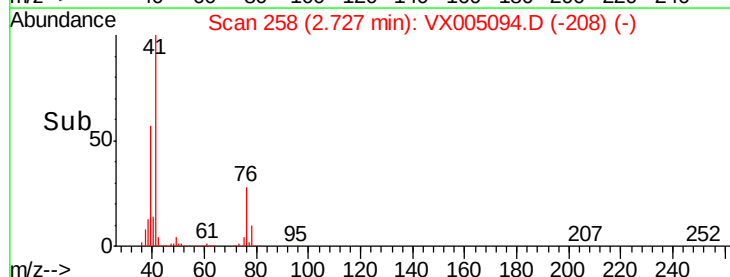
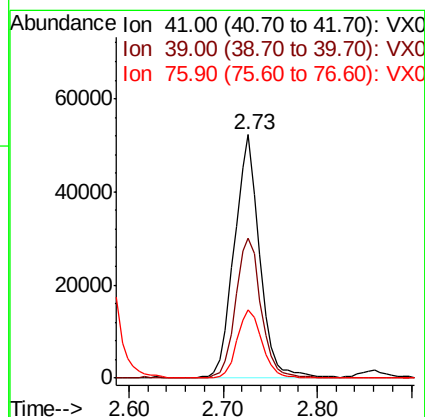
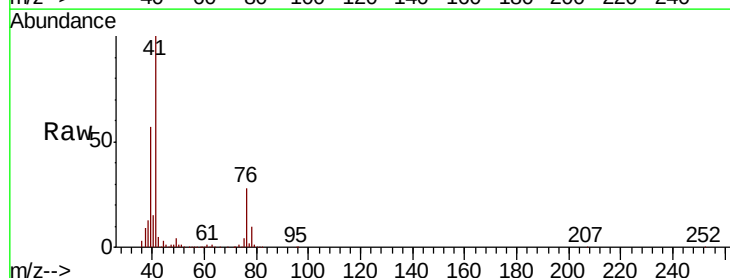
Tgt Ion: 41 Resp: 96925

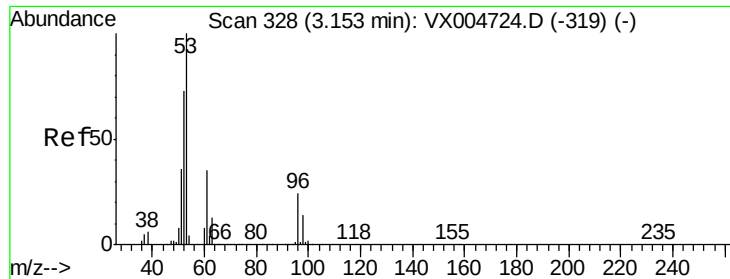
Ion Ratio Lower Upper

41 100

39 57.4 44.1 66.1

76 27.9 25.0 37.4





#15

Acrylonitrile

Concen: 109.508 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

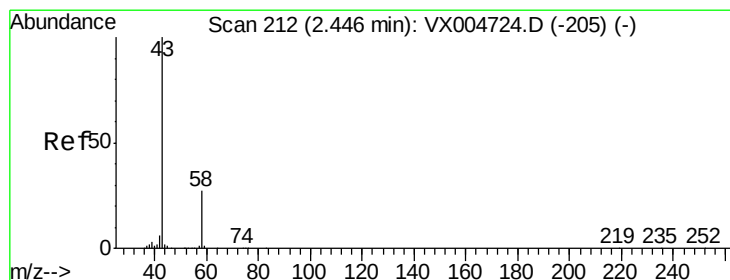
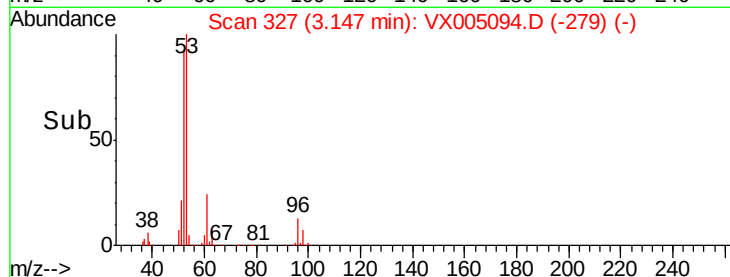
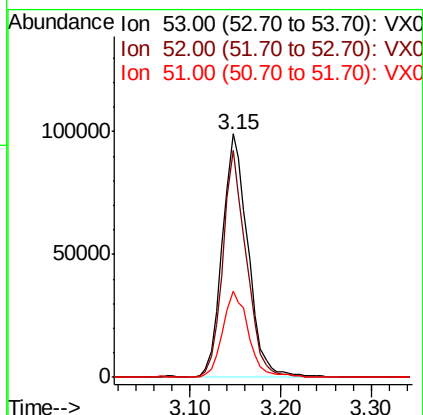
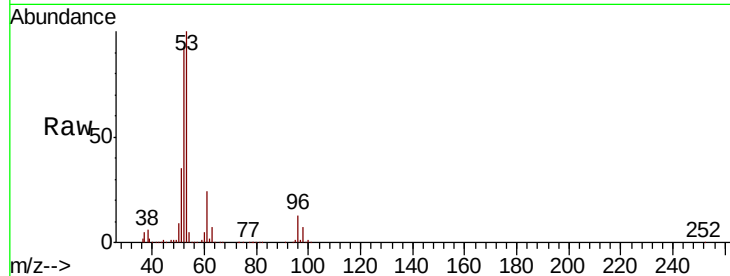
ClientSampleId :

VX1005WBS02

Tot Ion:	53	Resp:	193926
Ion Ratio		Lower	Upper
53	100		
52	85.5	63.0	94.4
51	35.5	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 101.353 ug/l

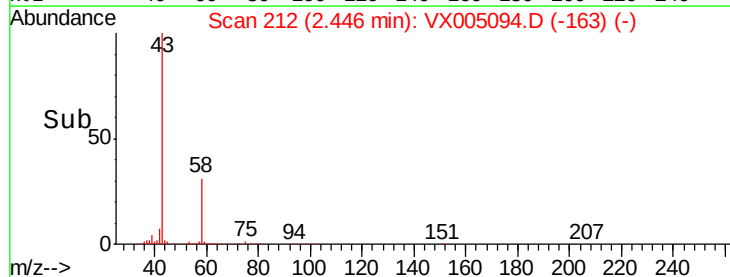
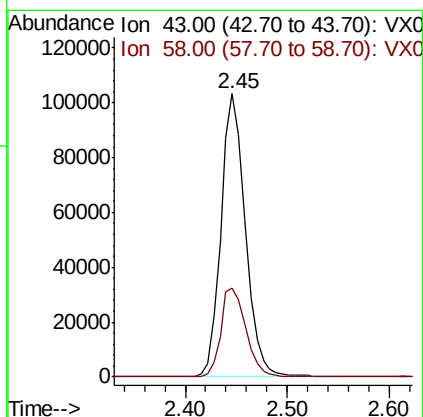
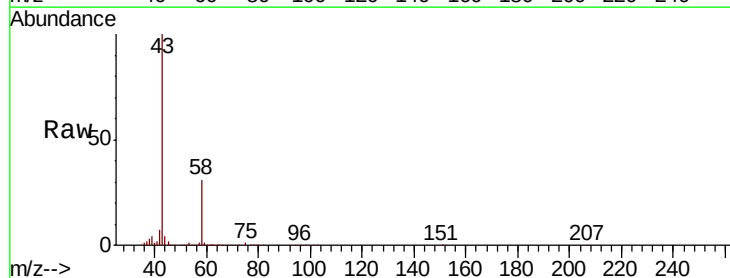
RT: 2.45 min Scan# 212

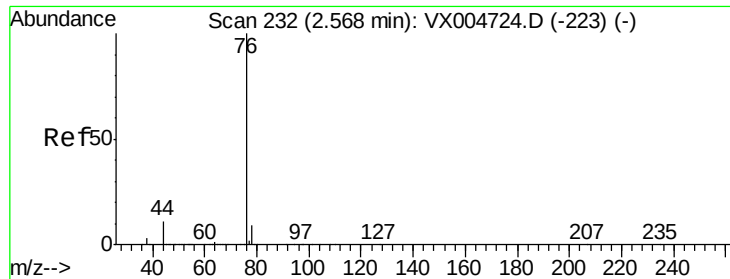
Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Tgt Ion:	43	Resp:	170239
Ion Ratio		Lower	Upper
43	100		
58	31.2	21.8	32.6





#17

Carbon Disulfide

Concen: 17.872 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampled :

VX1005WBS02

Tot Ion: 76 Resp: 117194

Ion Ratio Lower Upper

76 100

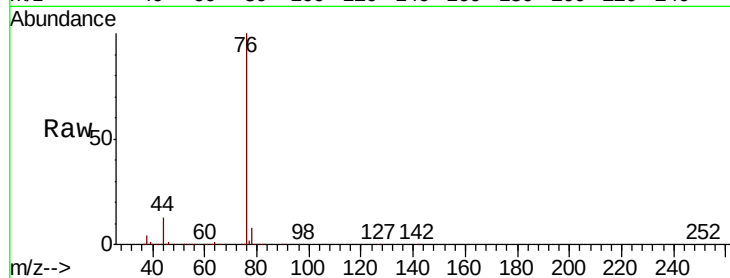
78 7.6 7.0 10.6

Manual Integrations

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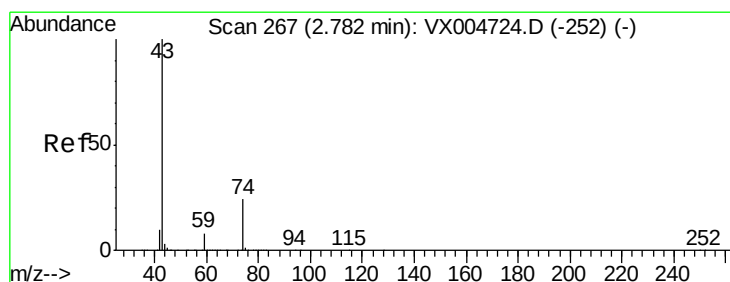
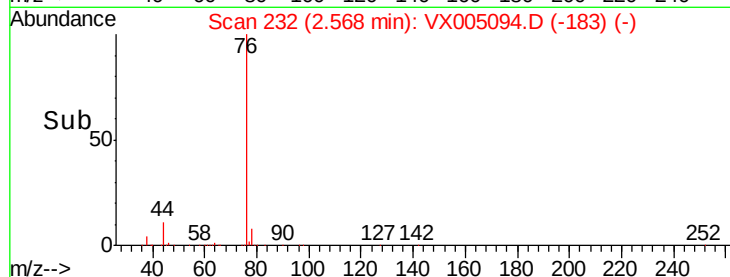
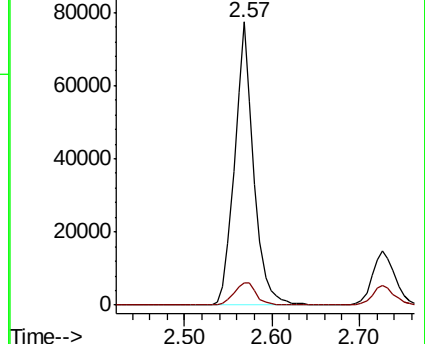
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 27.238 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX005094.D

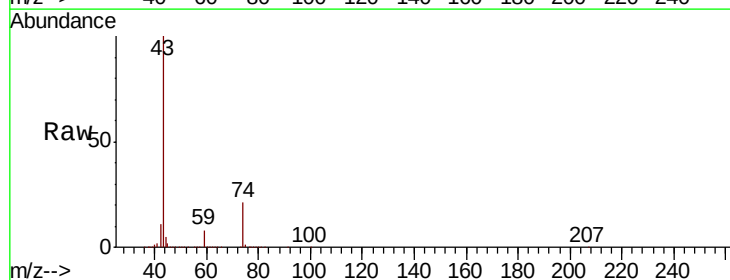
Acq: 06 Oct 2018 04:39

Tgt Ion: 43 Resp: 115914

Ion Ratio Lower Upper

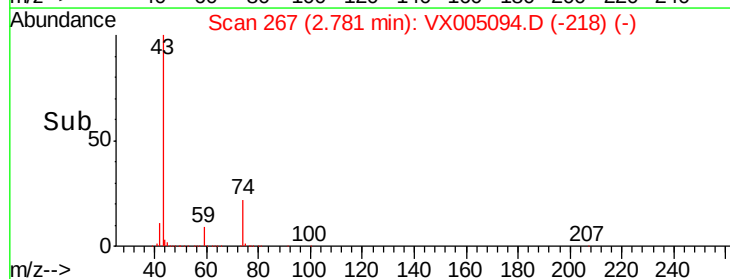
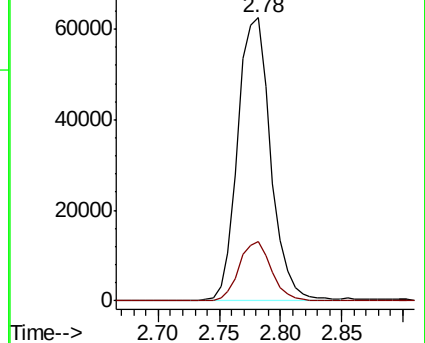
43 100

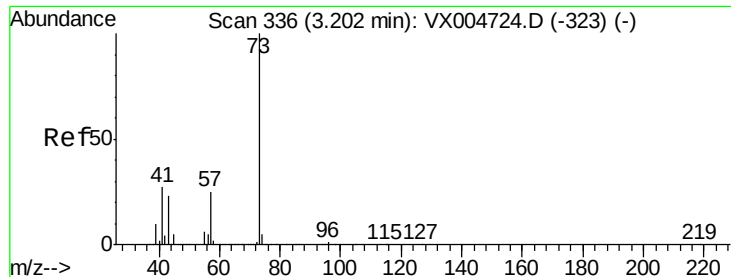
74 20.5 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





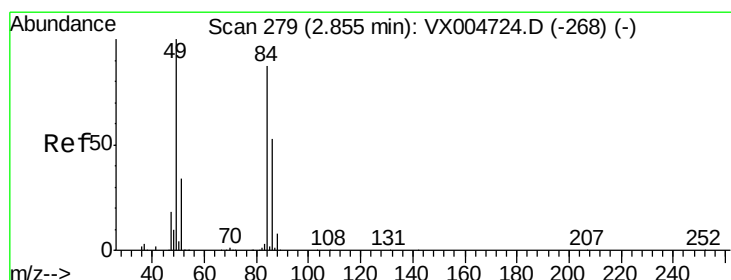
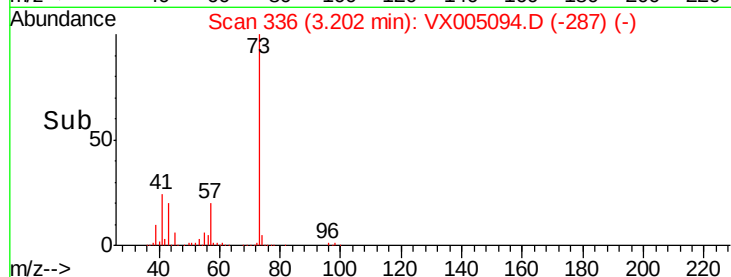
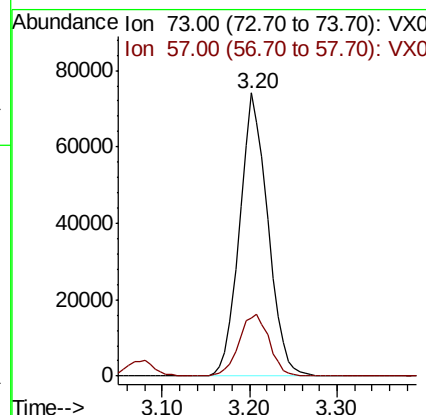
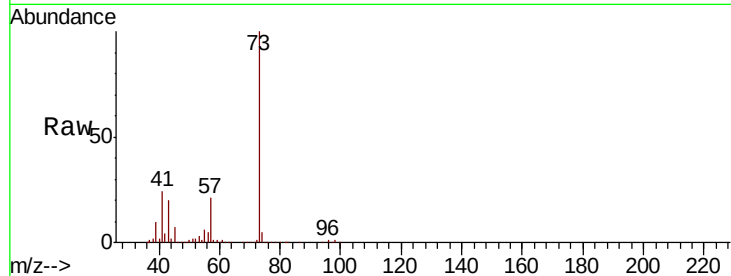
#19
Methyl tert-butyl Ether
Concen: 22.127 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.5	19.9	29.9

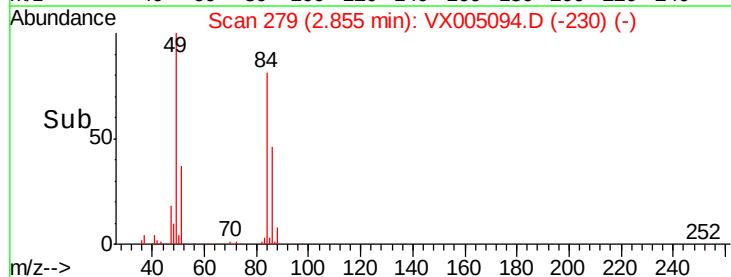
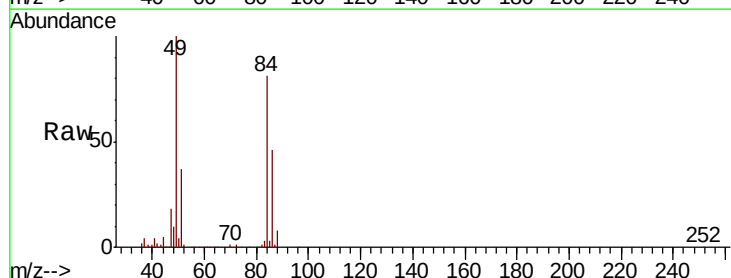
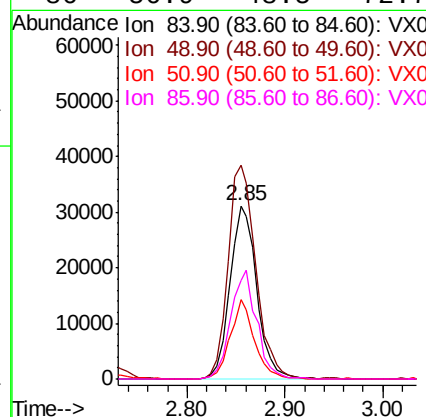
Manual Integrations
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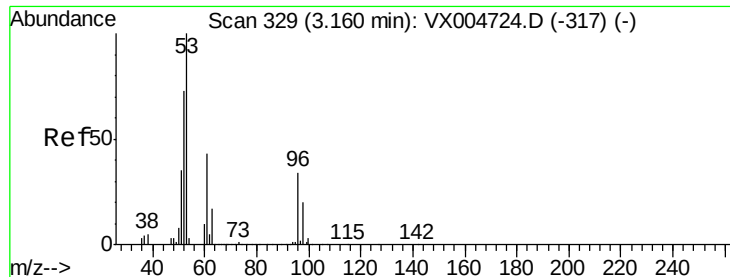
MMDadoda
10/8/2018 2:02:42 PM



#20
Methylene Chloride
Concen: 23.660 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.0	92.3	138.5
51	45.6	31.8	47.6
86	56.9	48.5	72.7





#21

trans-1,2-Dichloroethene

Concen: 19.852 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

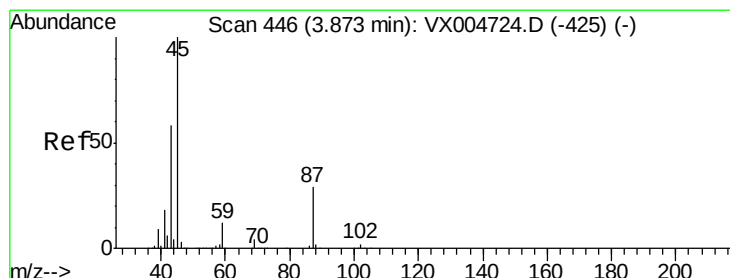
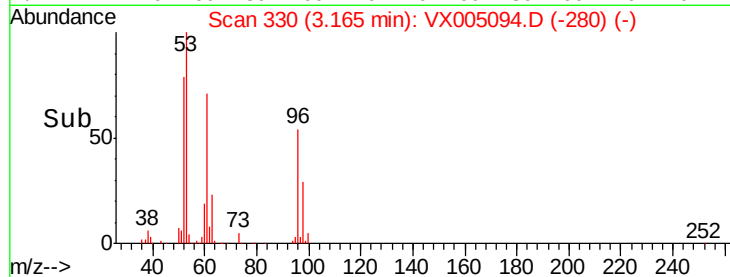
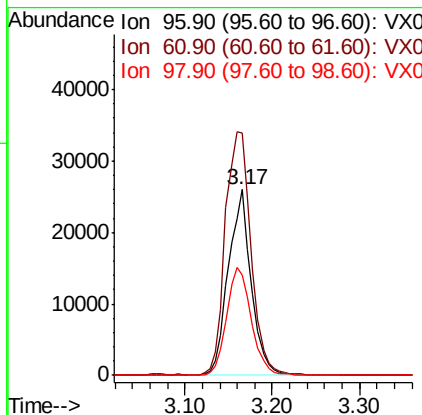
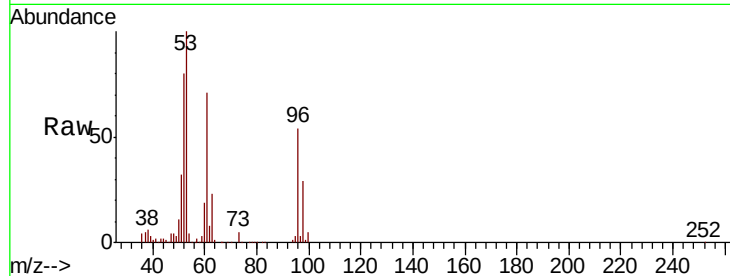
ClientSampleId :

VX1005WBS02

Tot Ion:	96	Resp:	47424
Ion	Ratio	Lower	Upper
96	100		
61	129.9	101.0	151.6
98	54.2	47.2	70.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 22.961 ug/l

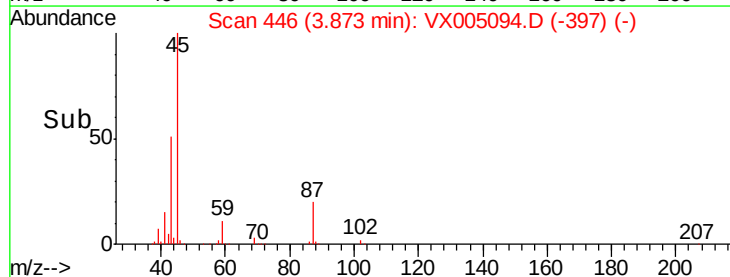
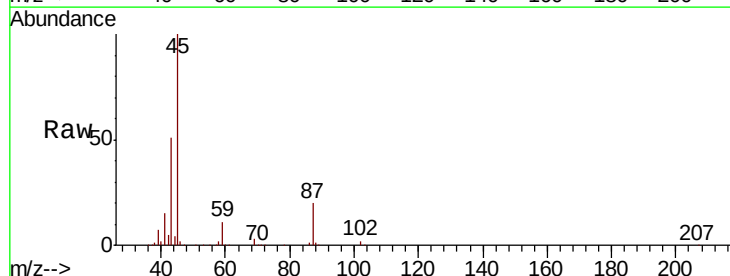
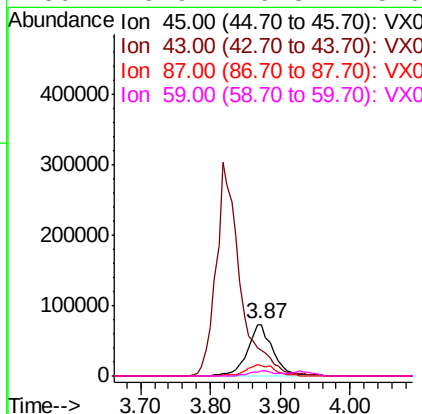
RT: 3.87 min Scan# 446

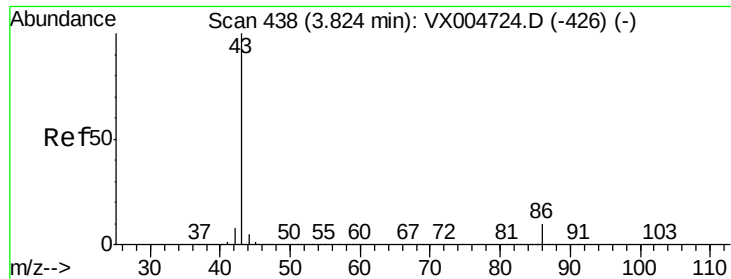
Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Tgt Ion:	45	Resp:	184102
Ion	Ratio	Lower	Upper
45	100		
43	50.2	46.7	70.1
87	20.0	22.9	34.3#
59	10.9	9.3	13.9





#23

Vinyl Acetate

Concen: 99.212 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBS02

Tot Ion: 43 Resp: 728143

Ion Ratio Lower Upper

43 100

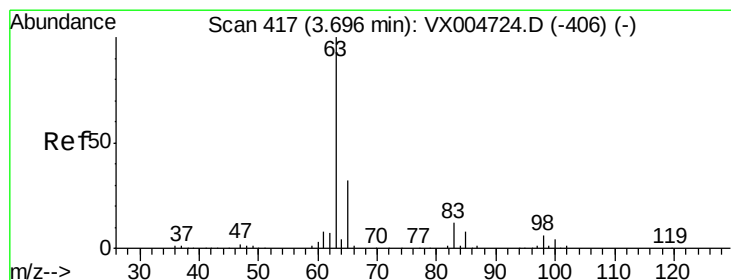
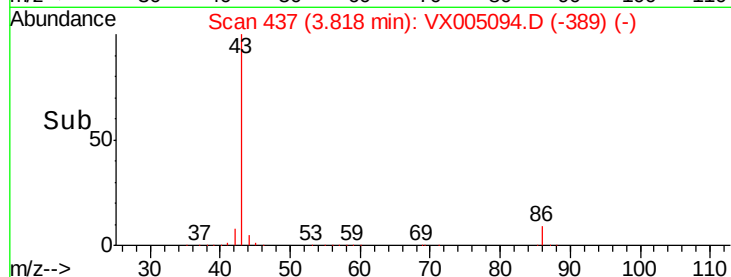
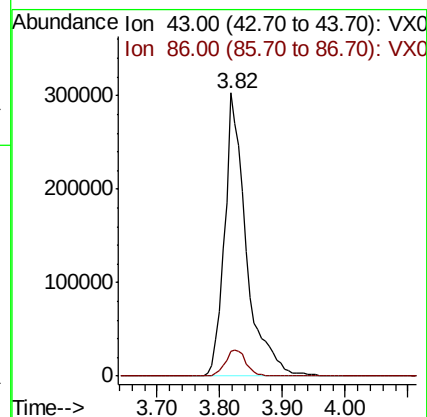
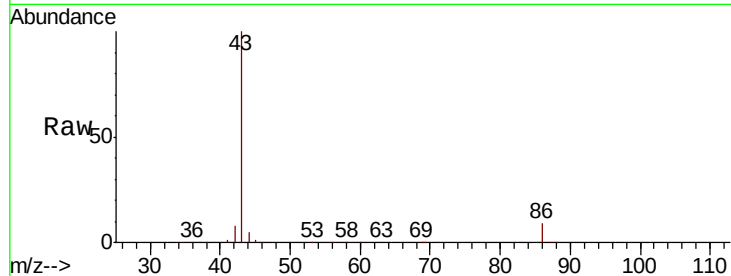
86 8.8 8.1 12.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 21.454 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

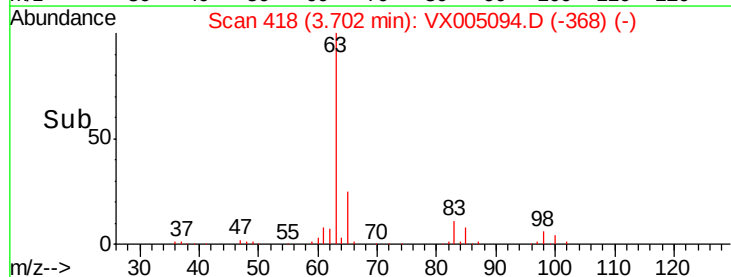
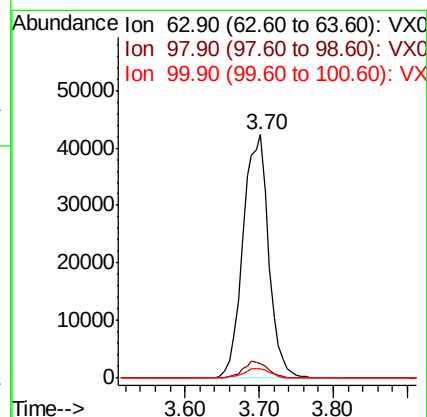
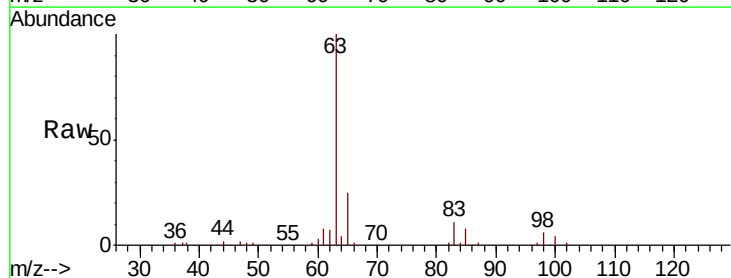
Tgt Ion: 63 Resp: 102611

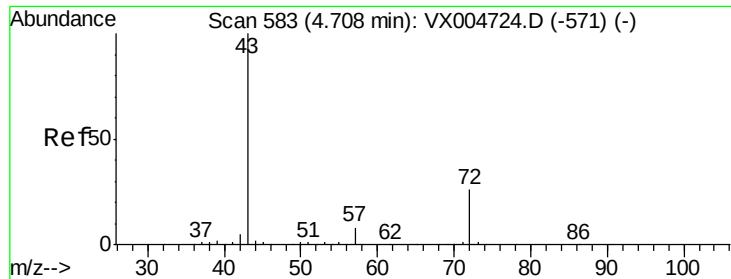
Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 3.9 2.0 5.8





#25

2-Butanone

Concen: 105.356 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBS02

Tot Ion: 43 Resp: 260848

Ion Ratio Lower Upper

43 100

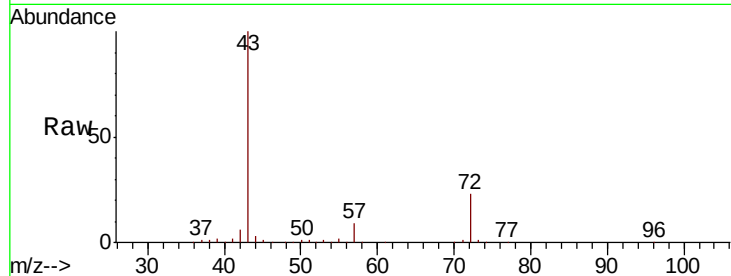
72 22.6 20.8 31.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

100000

80000

60000

40000

20000

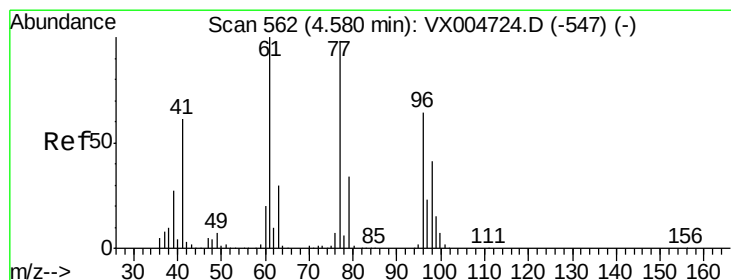
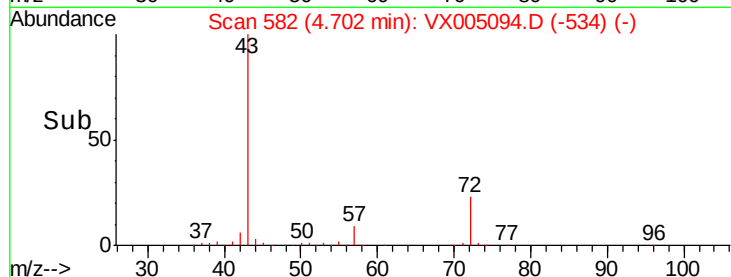
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 14.343 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005094.D

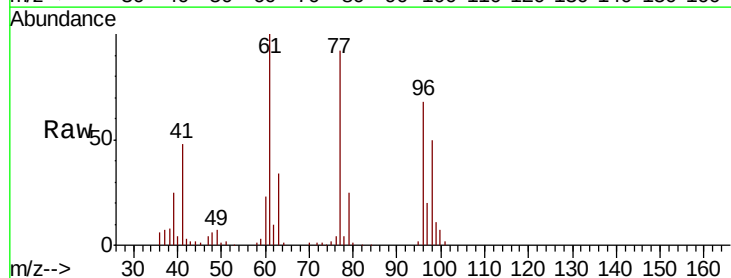
Acq: 06 Oct 2018 04:39

Tgt Ion: 77 Resp: 47770

Ion Ratio Lower Upper

77 100

97 25.7 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

20000

15000

10000

5000

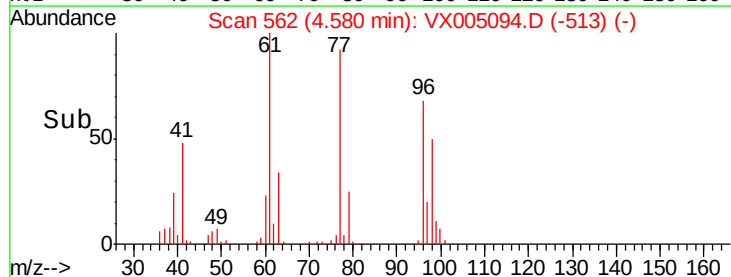
0

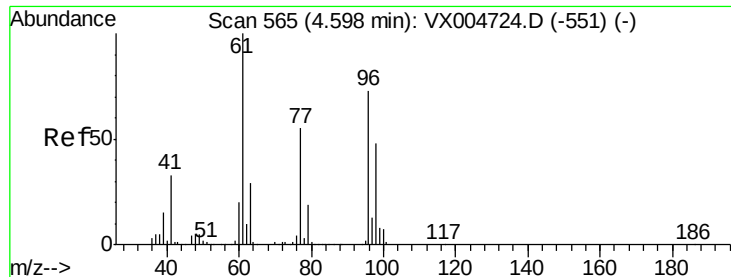
4.50

4.60

4.70

Time-->





#27

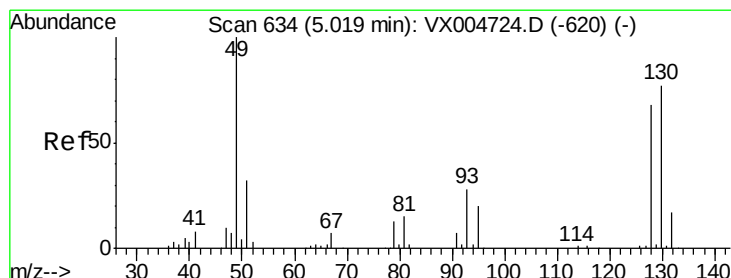
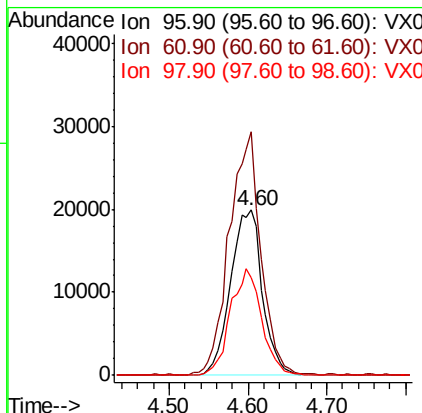
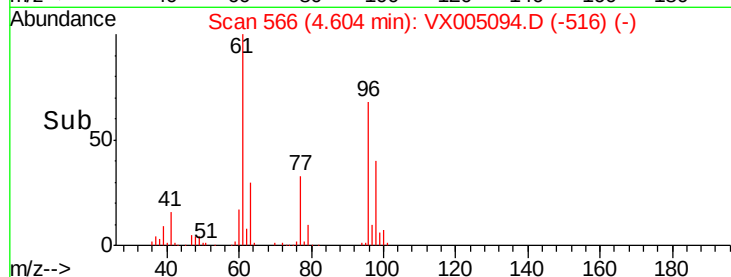
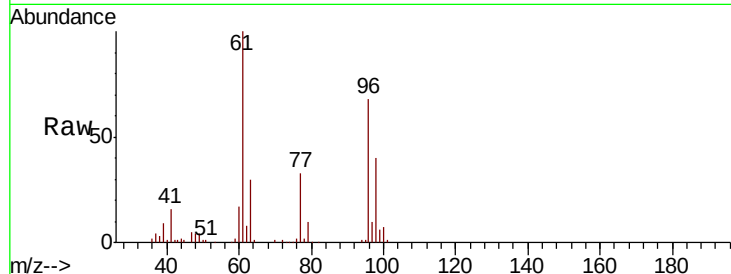
cis-1,2-Dichloroethene
Concen: 20.871 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	144.4	0.0	285.8	
98	63.2	0.0	136.2	

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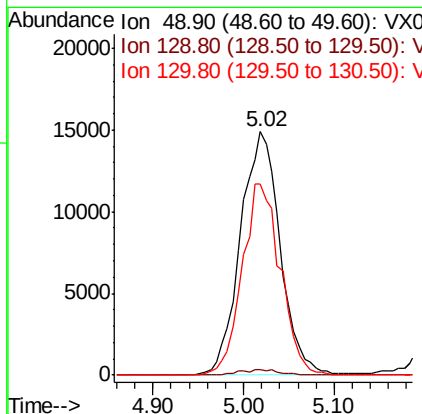
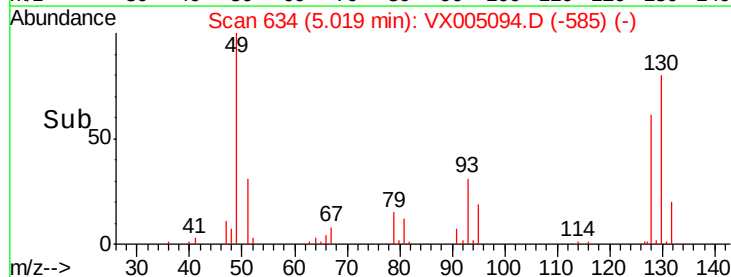
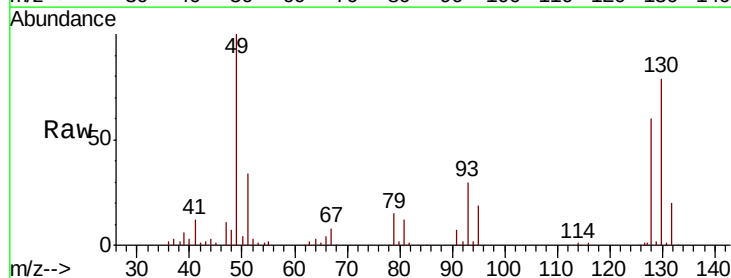
MMDadoda
10/8/2018 2:02:42 PM

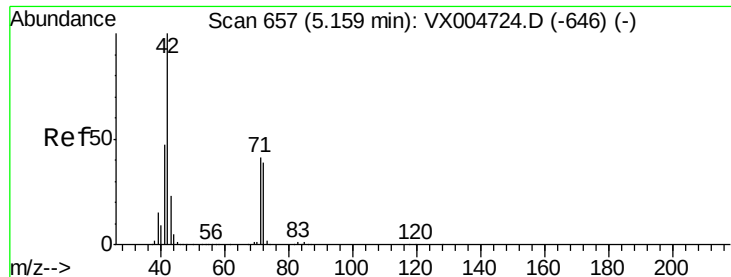


#28

Bromochloromethane
Concen: 20.047 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	4.2	
130	75.6	62.0	93.0	





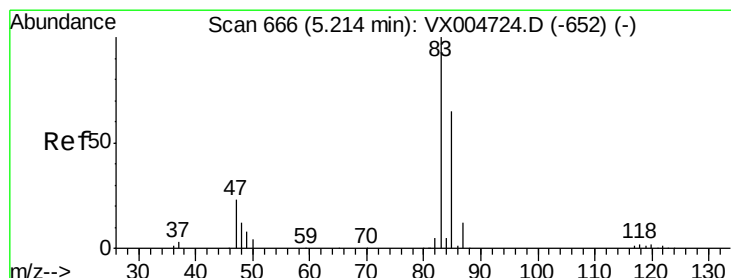
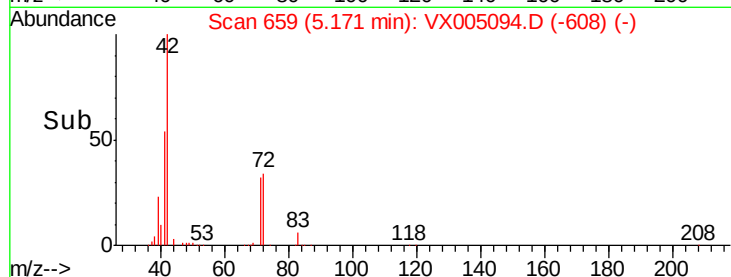
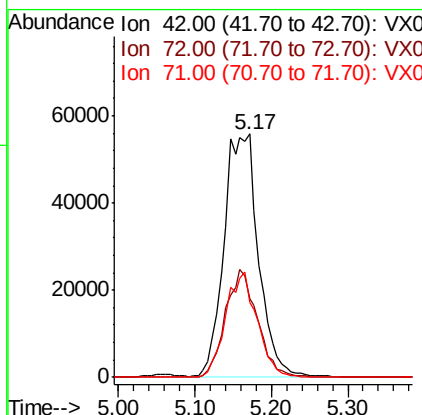
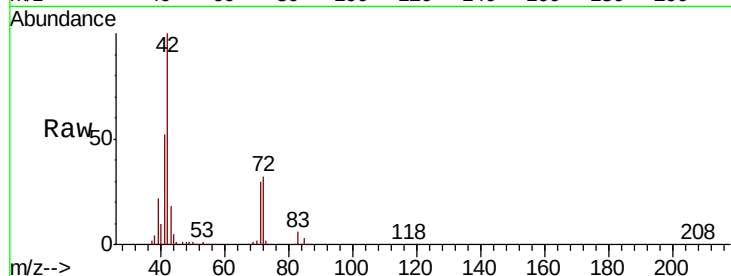
#29
Tetrahydrofuran
Concen: 112.239 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.6	33.7	50.5
71	39.8	32.2	48.4

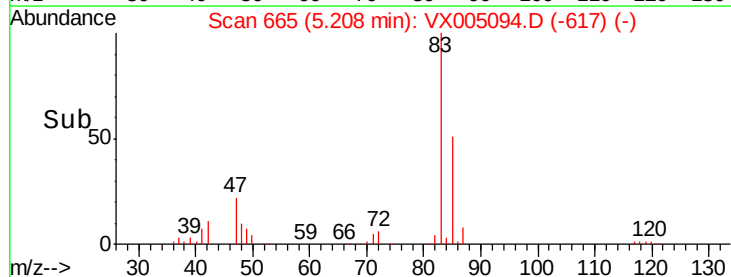
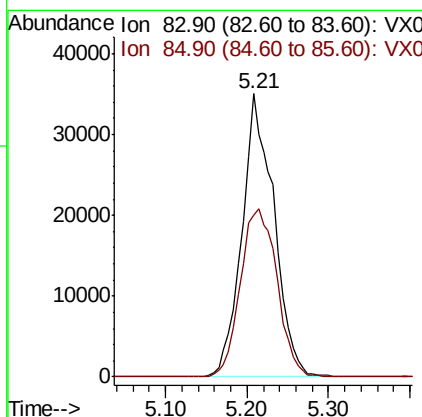
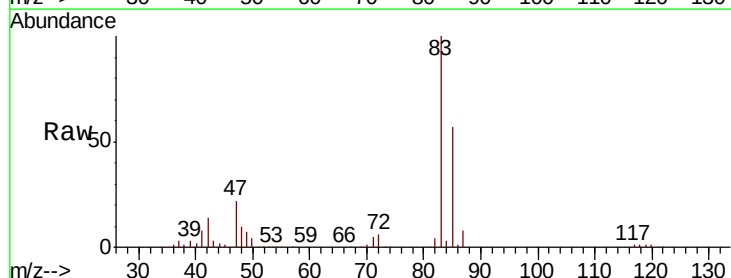
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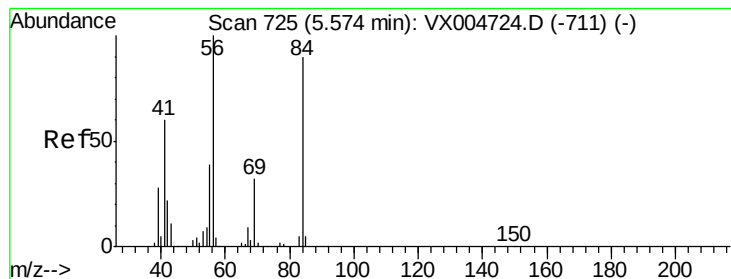
MMDadoda
10/8/2018 2:02:42 PM



#30
Chloroform
Concen: 21.106 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	57.2	52.4	78.6





#31

Cyclohexane

Concen: 21.867 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBS02

Tot Ion: 56 Resp: 80045

Ion Ratio Lower Upper

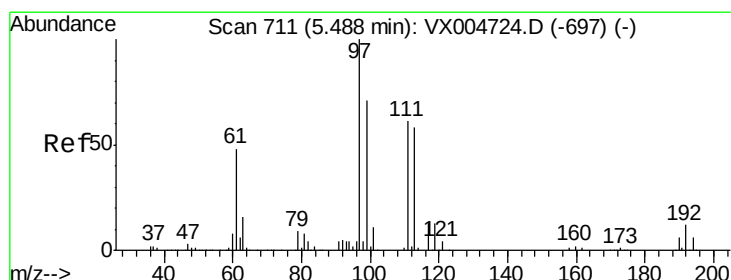
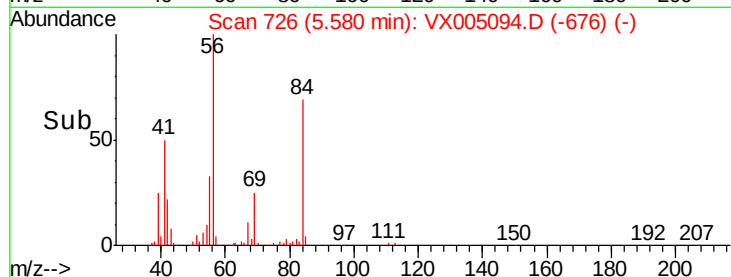
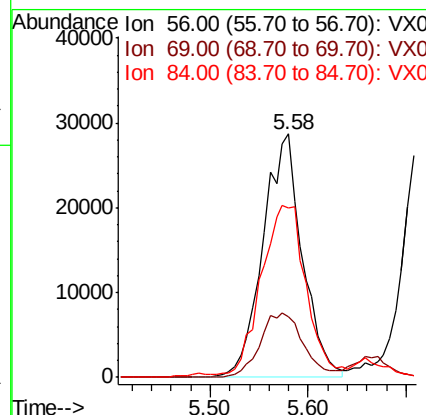
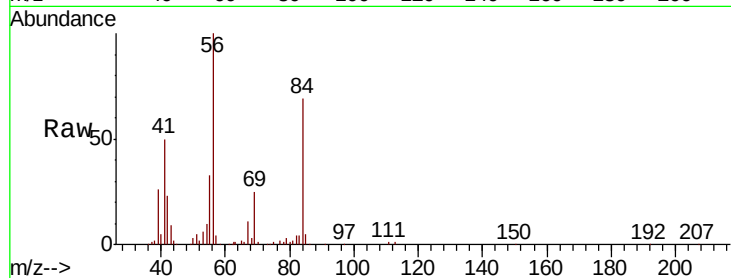
56 100

69 25.1 25.9 38.9#

84 68.2 71.9 107.9#

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#32

1,1,1-Trichloroethane

Concen: 20.969 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

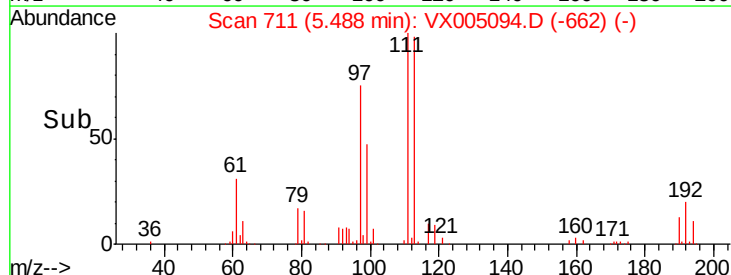
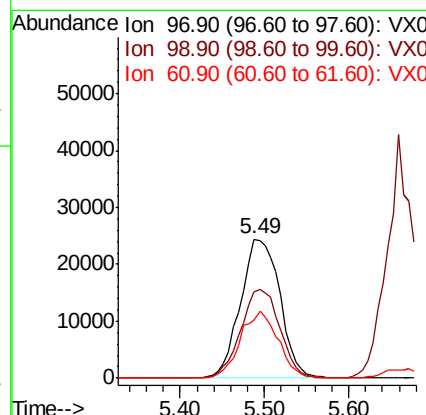
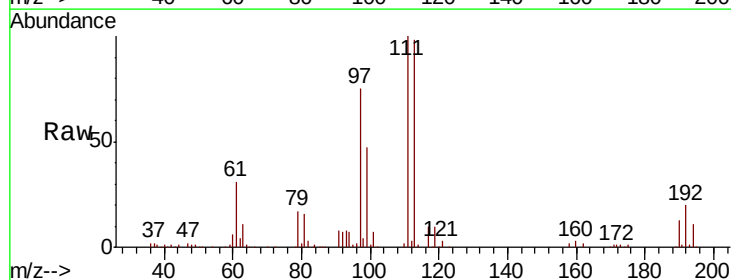
Tgt Ion: 97 Resp: 77407

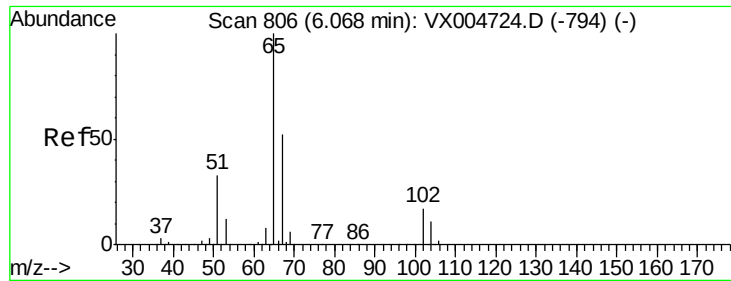
Ion Ratio Lower Upper

97 100

99 63.6 54.6 82.0

61 46.1 37.5 56.3





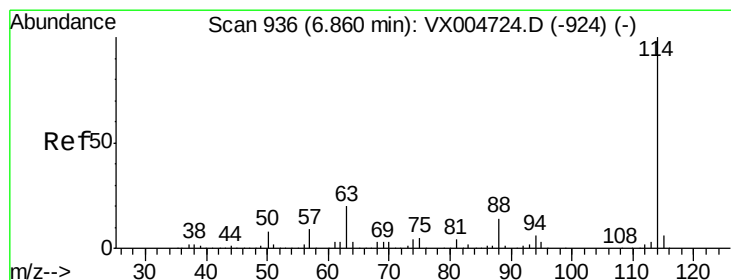
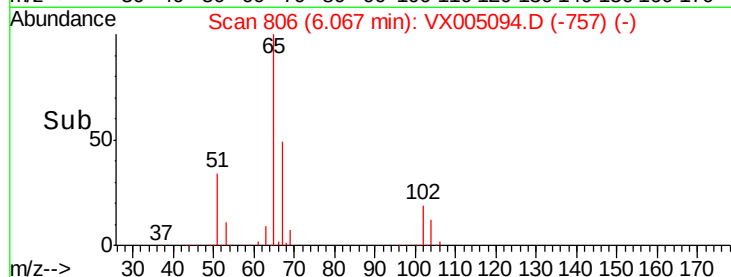
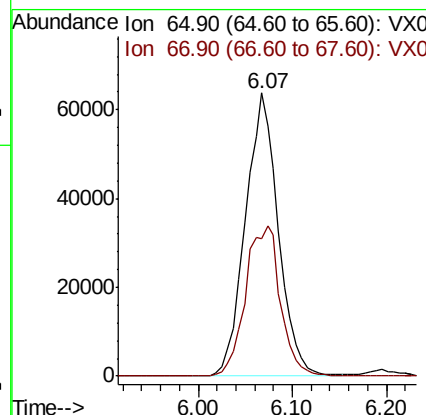
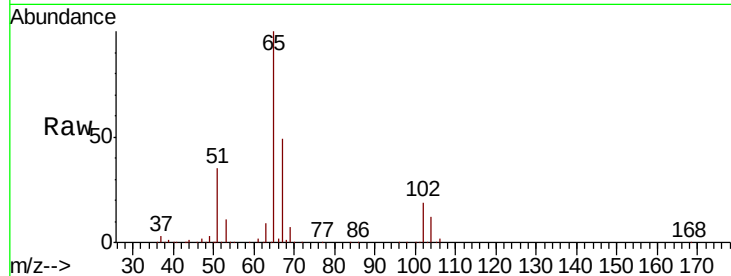
#33
 1,2-Dichloroethane-d4
 Concen: 54.072 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	56.5	0.0	107.4	

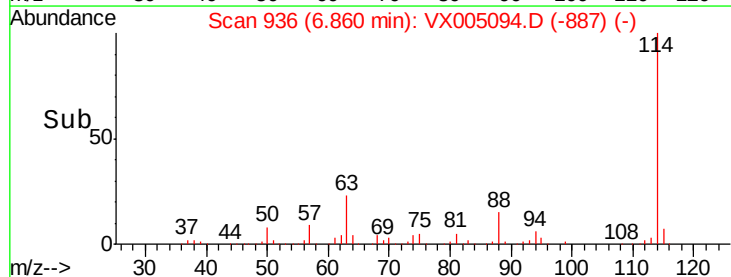
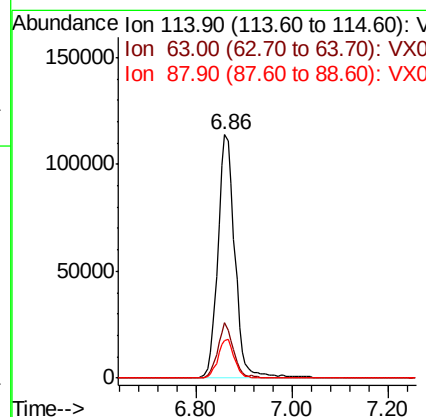
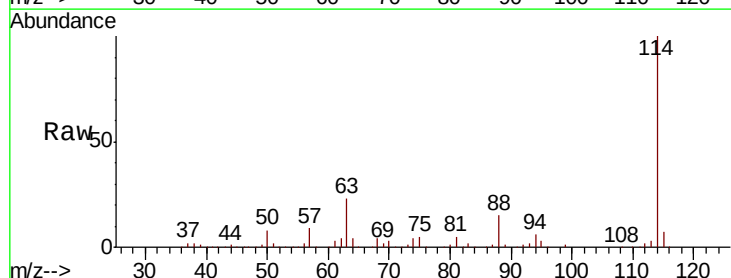
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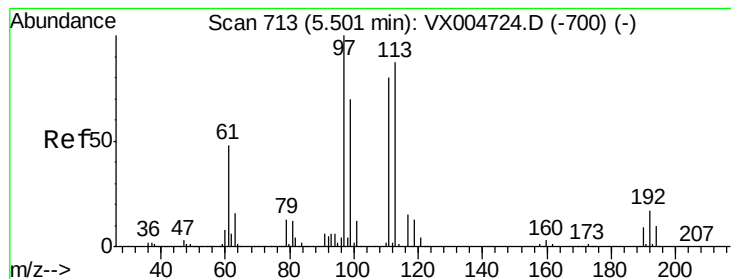
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.8	0.0	39.8	
88	15.5	0.0	27.0	





#35

Dibromofluoromethane

Concen: 52.090 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBS02

Tot Ion:113 Resp: 124393

Ion Ratio Lower Upper

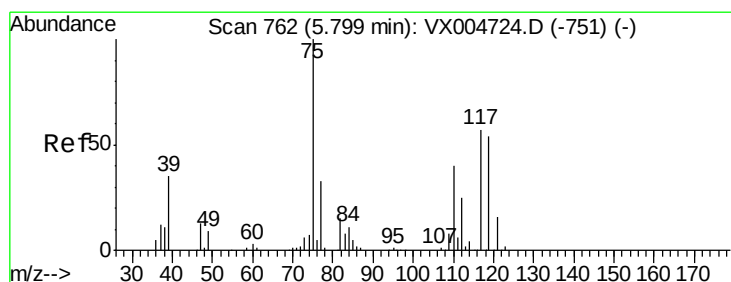
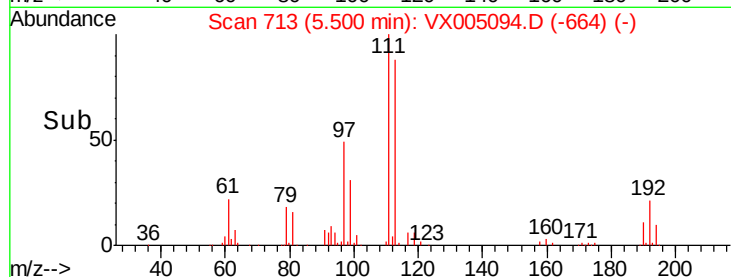
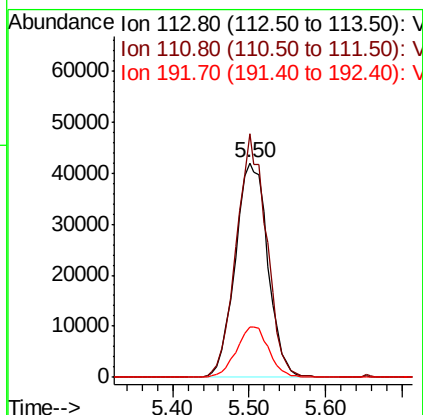
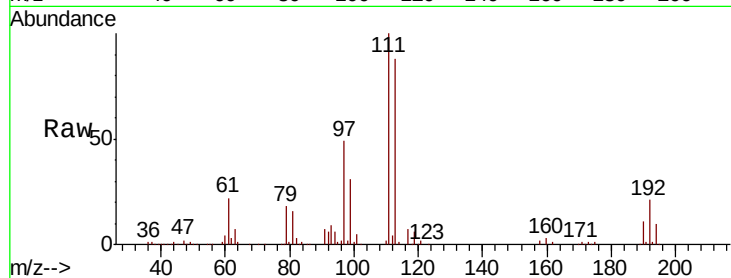
113 100

111 104.7 77.0 115.4

192 23.3 17.0 25.6

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10/8/2018 2:02:42 PM



#36

1,1-Dichloropropene

Concen: 19.901 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

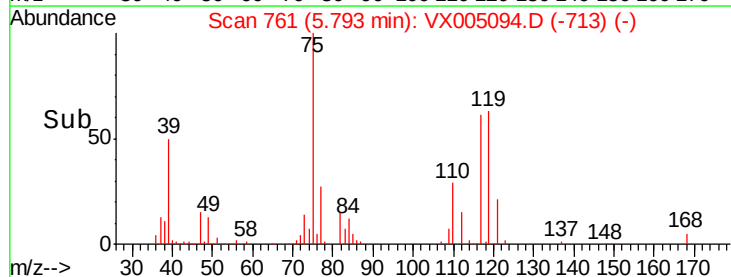
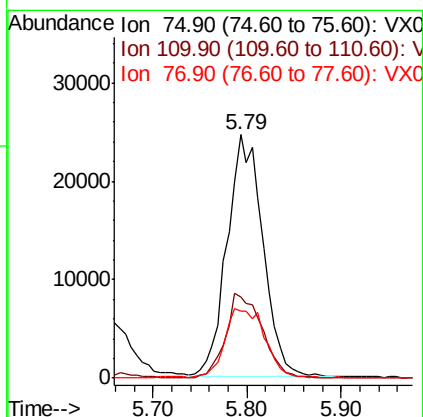
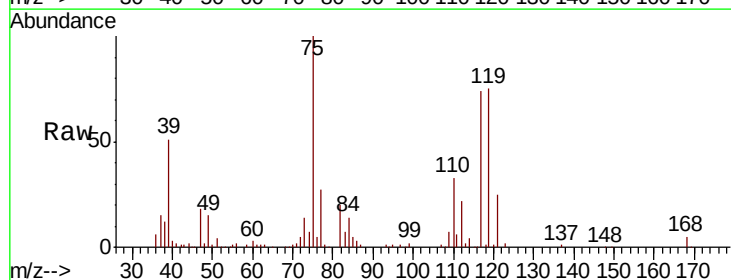
Tgt Ion: 75 Resp: 64841

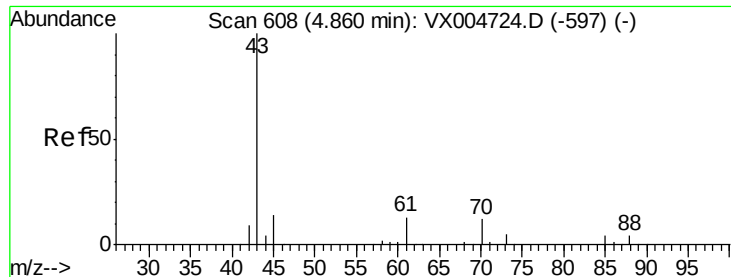
Ion Ratio Lower Upper

75 100

110 35.8 20.0 59.9

77 31.8 27.1 40.7





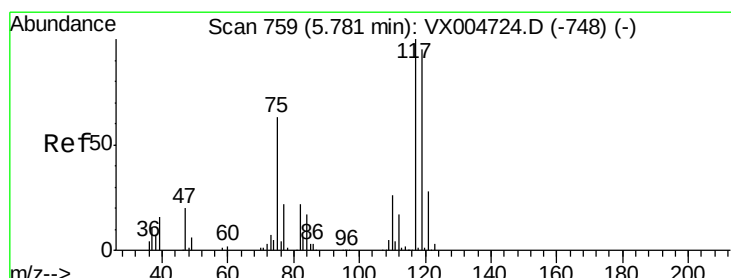
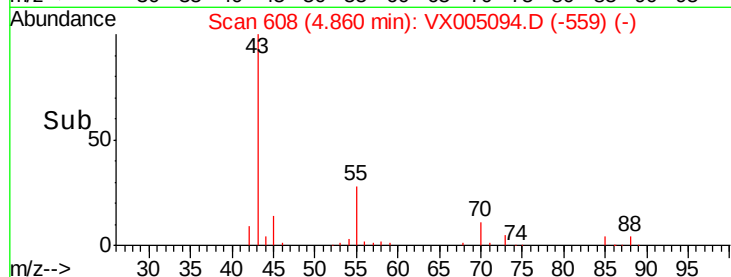
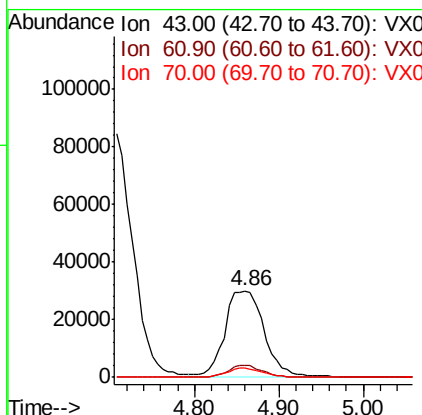
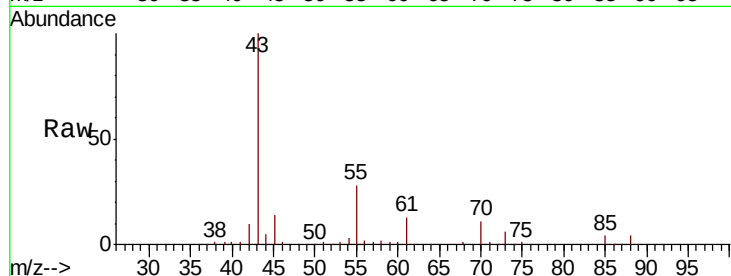
#37
Ethyl Acetate
Concen: 21.765 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.1	10.4	15.6
70	10.2	8.7	13.1

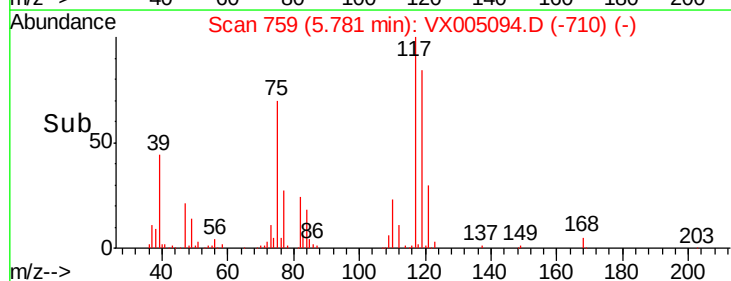
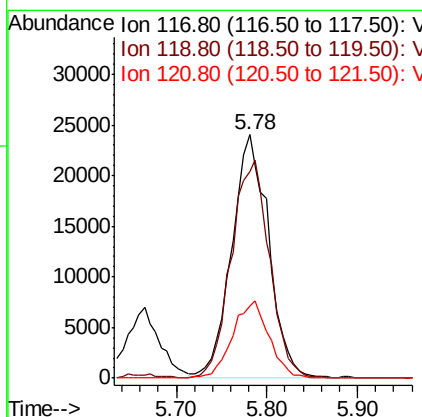
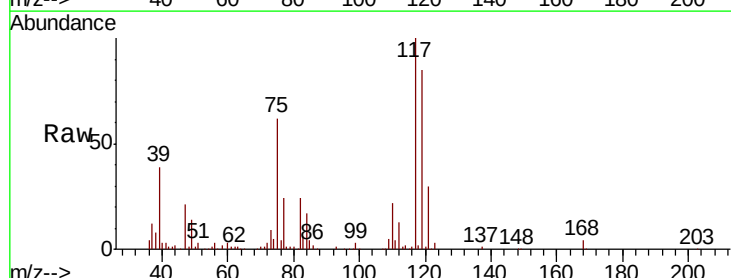
Manual Integrations
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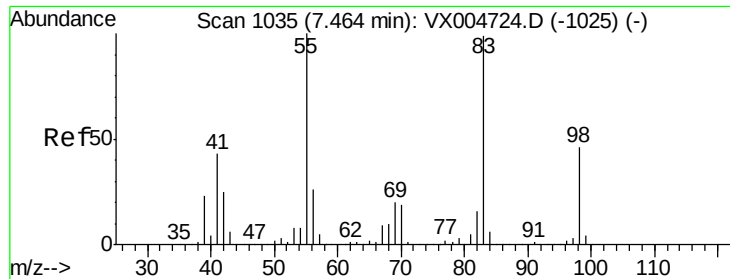
MMDadoda
10/8/2018 2:02:42 PM



#38
Carbon Tetrachloride
Concen: 19.656 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	85.0	75.2	112.8
121	29.7	22.5	33.7





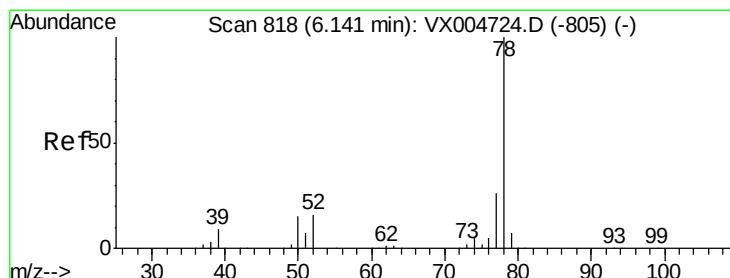
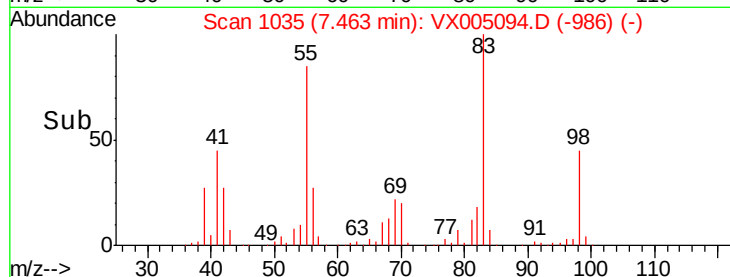
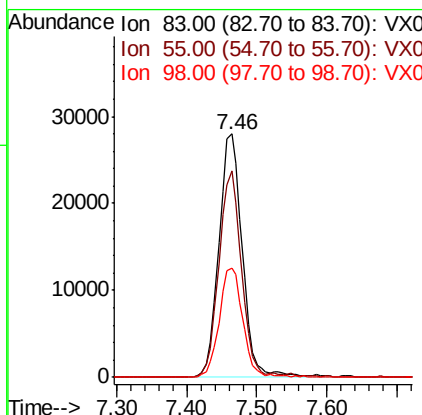
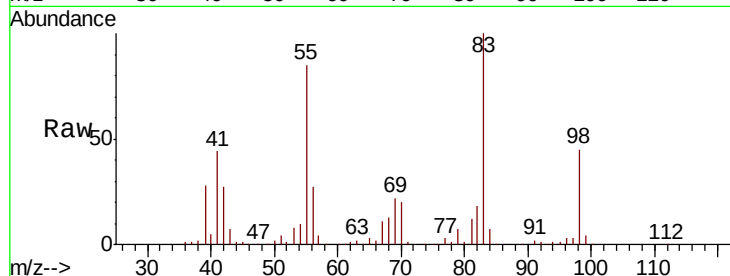
#39
Methylvlcyclohexane
Concen: 19.624 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.8	81.1	121.7
98	45.0	37.3	55.9

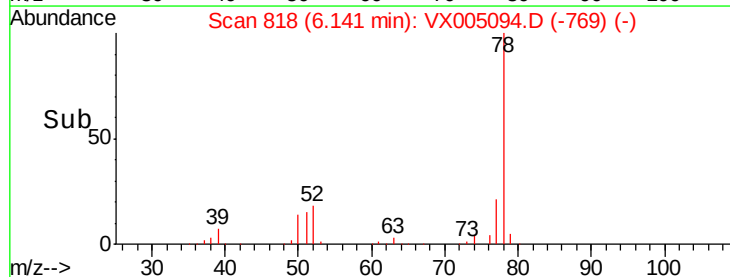
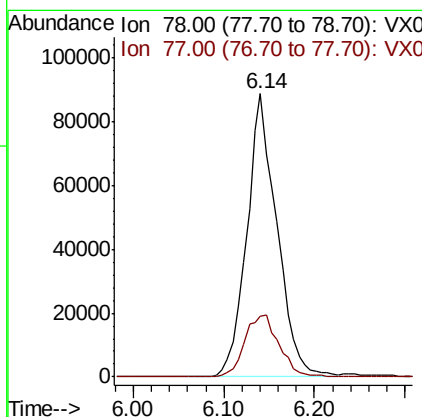
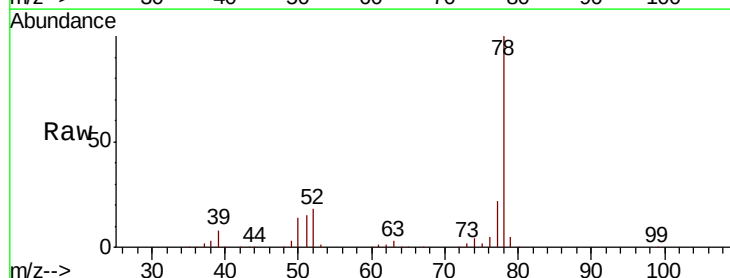
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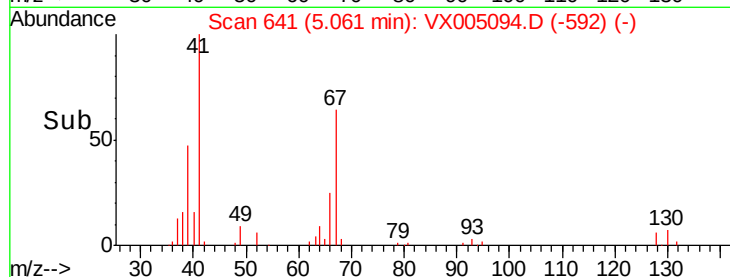
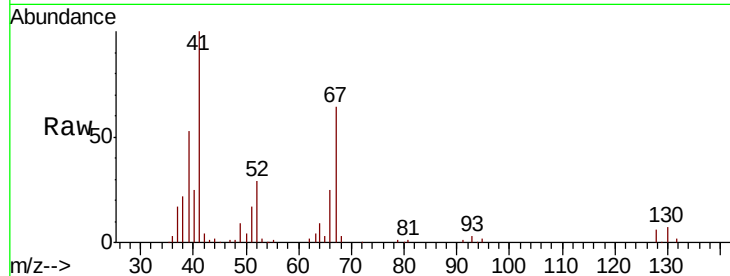
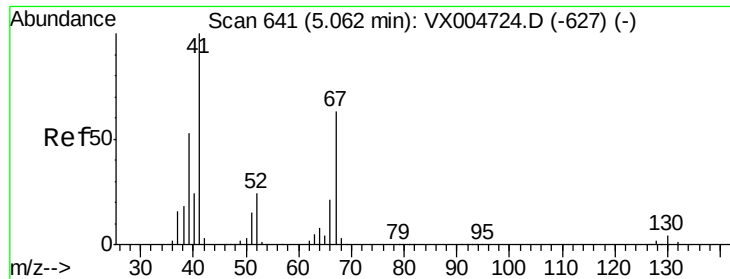
MMDadoda
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#40
Benzene
Concen: 19.974 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.6	21.0	31.4





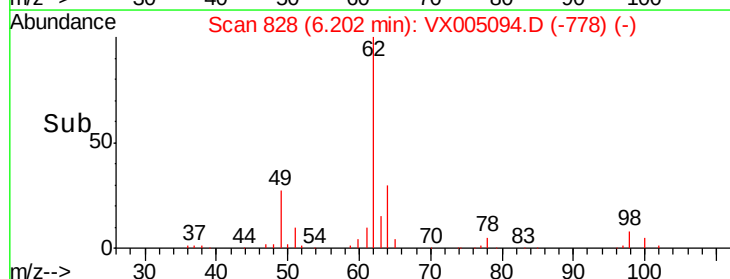
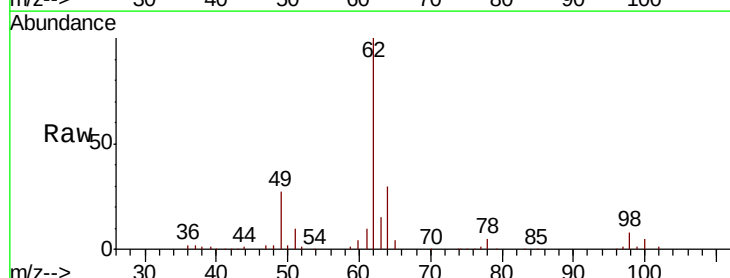
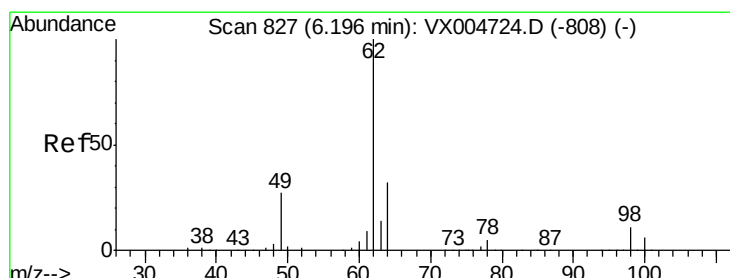
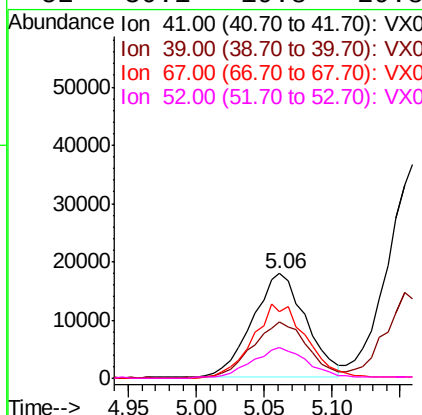
#41
Methacrylonitrile
Concen: 20.611 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100	49435		
39	39	54.8		42.5	63.7
67	67	71.2		53.0	79.6
52	52	30.1		19.8	29.8

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBS02

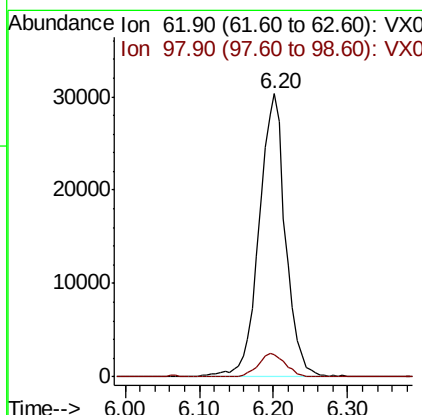
Manual Integrations
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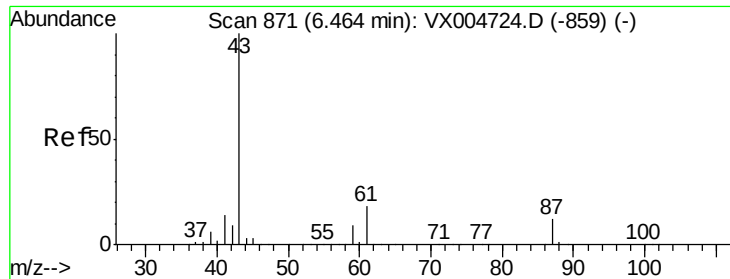
MMDadoda
10/8/2018 2:02:42 PM



#42
1,2-Dichloroethane
Concen: 20.917 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62	100	75426		
98	98	8.5		0.0	20.2





#43

Isopropyl Acetate

Concen: 20.503 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

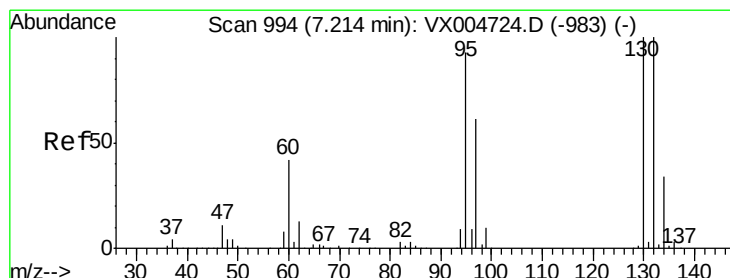
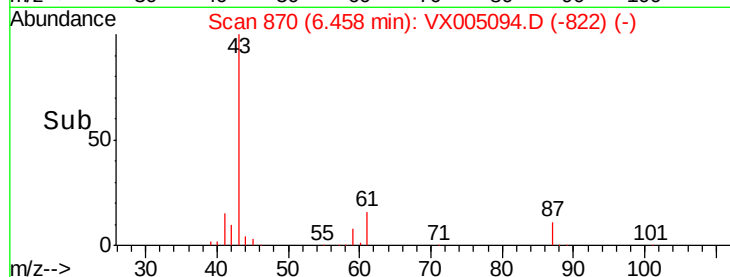
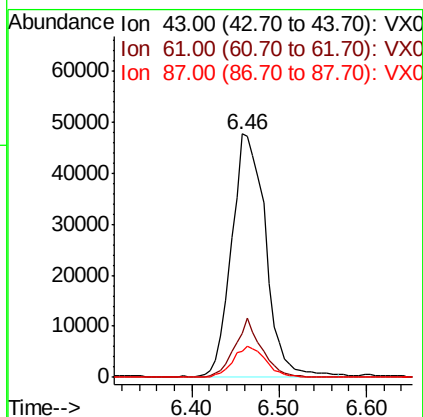
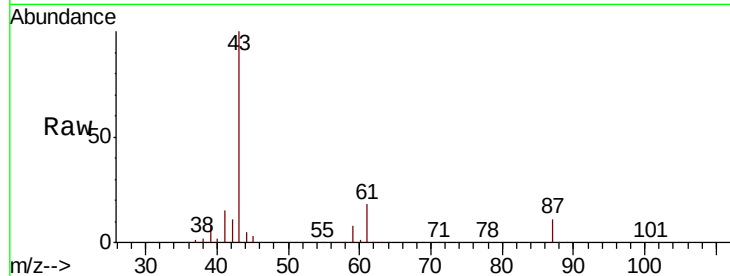
ClientSampleId :

VX1005WBS02

Tot Ion:	43	Resp:	127987
Ion	Ratio	Lower	Upper
43	100		
61	19.2	14.2	21.4
87	12.6	9.3	13.9

Manual Integrations
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10/8/2018 2:02:42 PM



#44

Trichloroethene

Concen: 20.214 ug/l

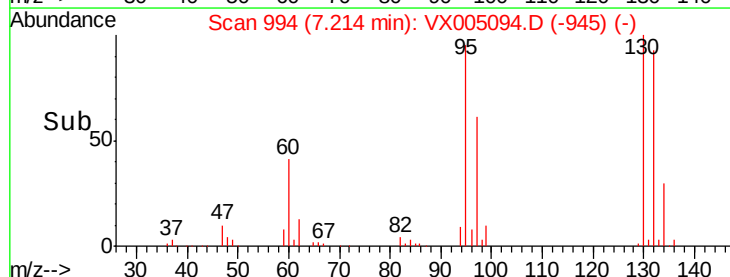
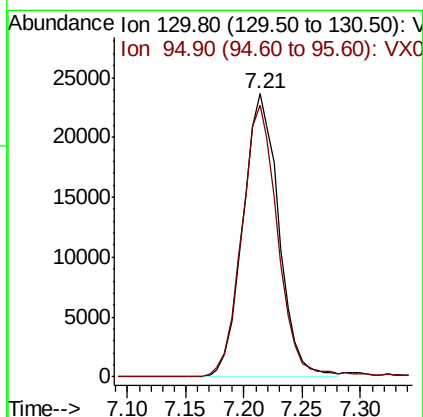
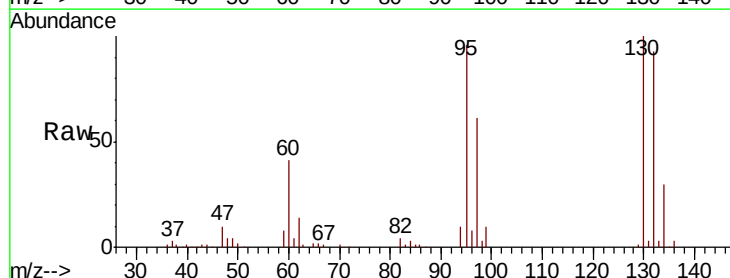
RT: 7.21 min Scan# 994

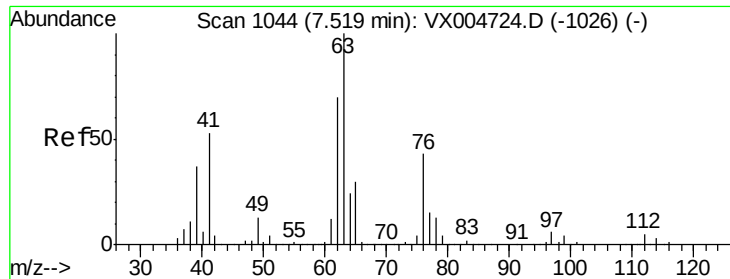
Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Tgt Ion:	130	Resp:	50687
Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	186.8





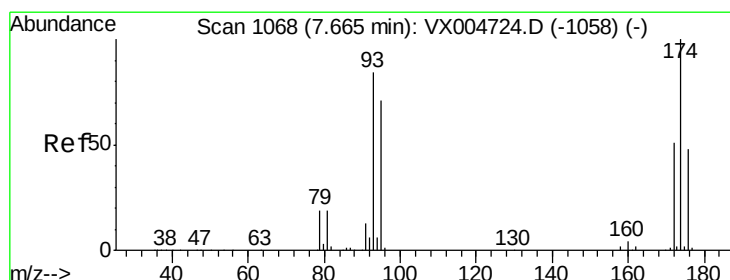
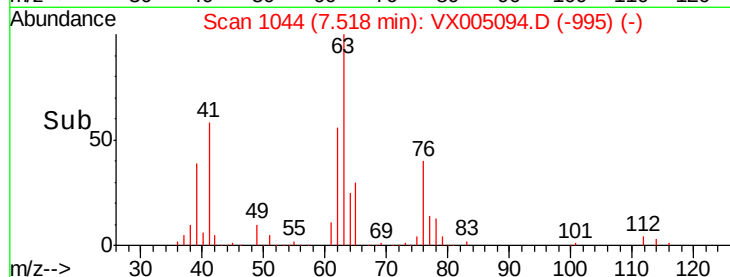
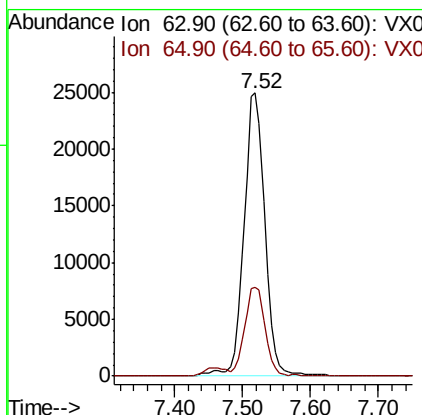
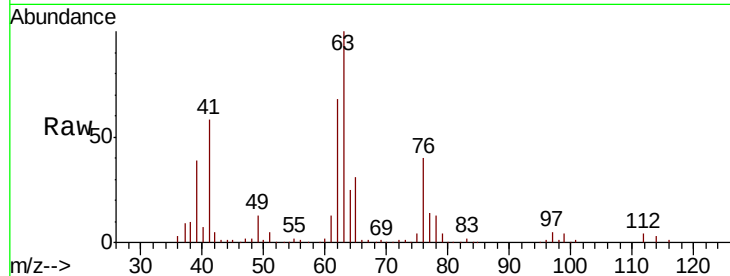
#45
 1,2-Dichloropropane
 Concen: 21.355 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBS02

Tot Ion: 63 Resp: 53419
 Ion Ratio Lower Upper
 63 100
 65 31.4 23.9 35.9

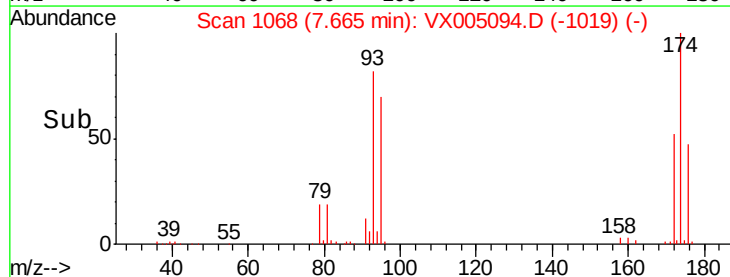
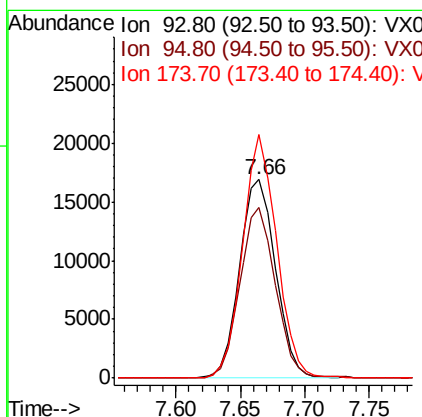
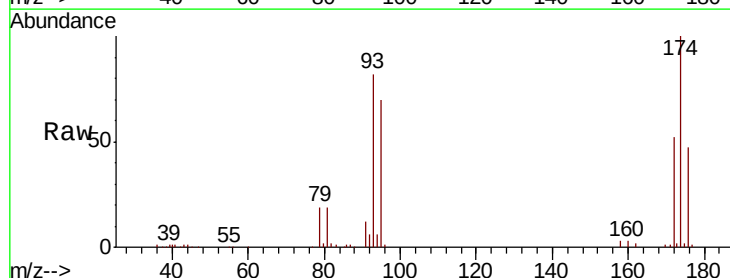
Manual Integrations
 APPROVED

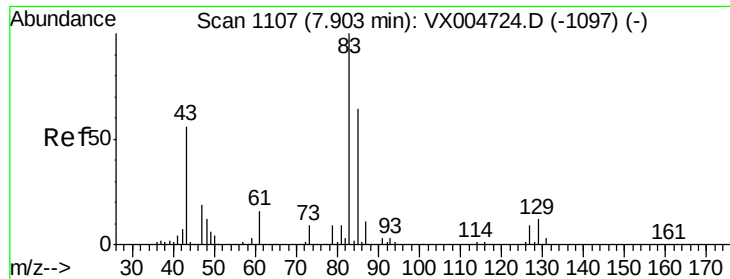
MMDadoda
 10/8/2018 2:02:42 PM



#46
 Dibromomethane
 Concen: 20.826 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Tgt Ion: 93 Resp: 32739
 Ion Ratio Lower Upper
 93 100
 95 85.2 66.7 100.1
 174 115.6 92.7 139.1





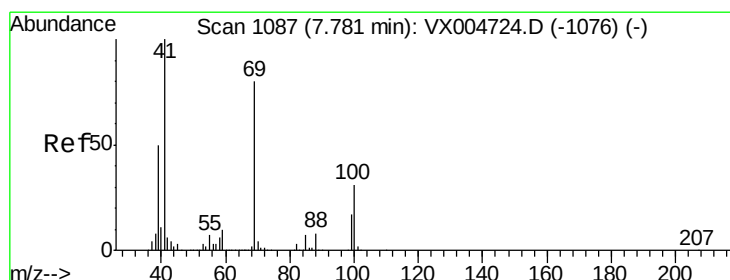
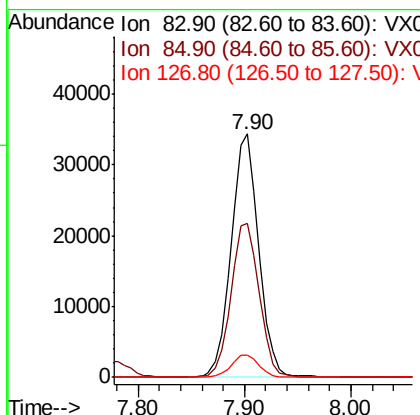
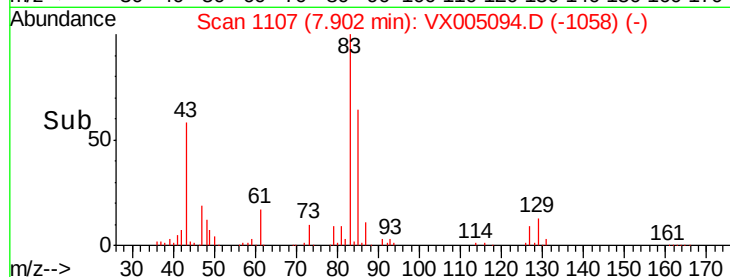
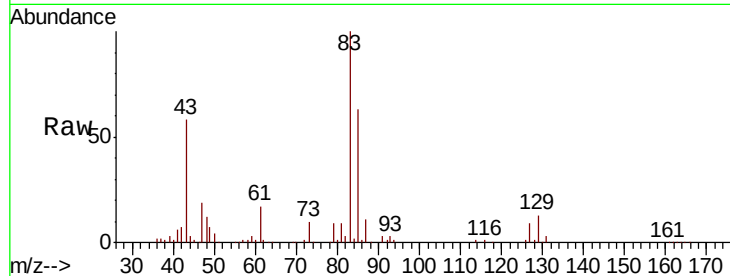
#47
Bromodichloromethane
Concen: 21.189 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	62365		
85	63.4		51.2	76.8
127	9.2		7.0	10.6

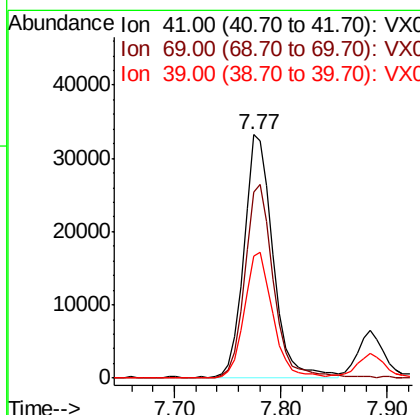
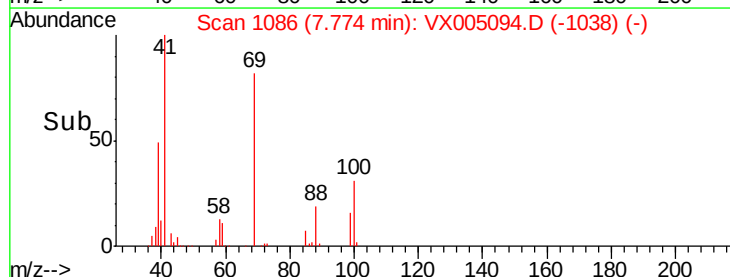
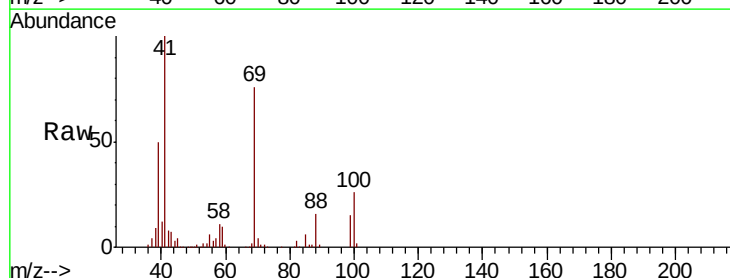
Manual Integrations
APPROVED

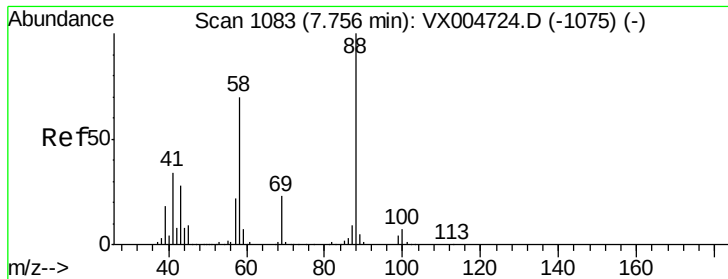
MMDadoda
10/8/2018 2:02:42 PM



#48
Methyl methacrylate
Concen: 22.321 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	63243		
69	79.8		63.8	95.6
39	51.4		40.7	61.1





#49

1,4-Dioxane

Concen: 426.889 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

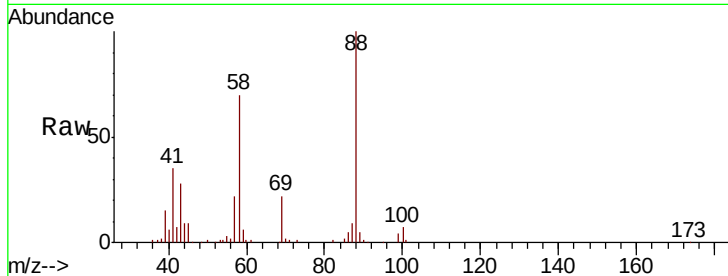
ClientSampleId :

VX1005WBS02

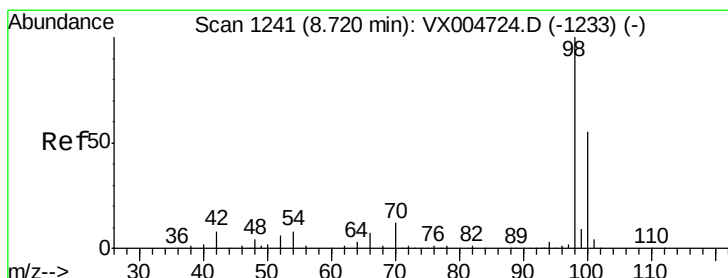
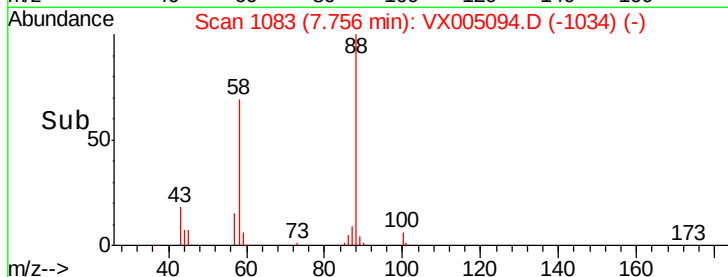
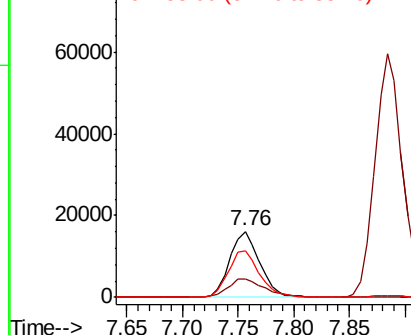
Tot Ion:	88	Resp:	30049
Ion	Ratio	Lower	Upper
88	100		
43	32.8	25.1	37.7
58	74.2	56.2	84.2

Manual Integrations
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Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 55.975 ug/l

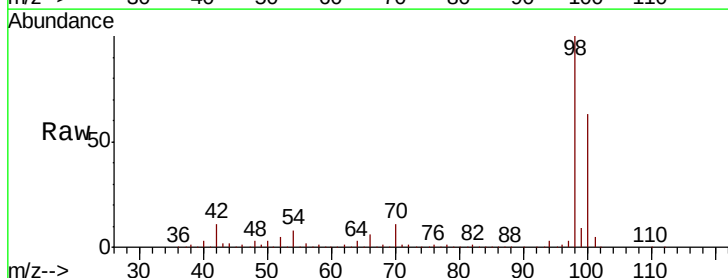
RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

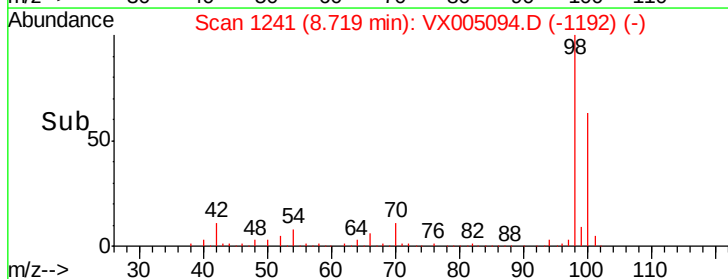
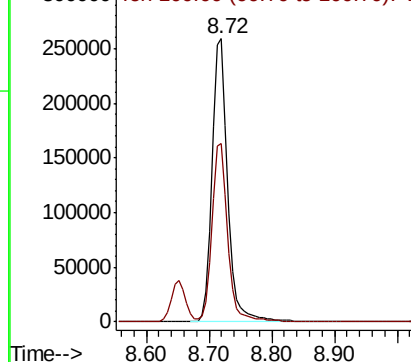
Lab File: VX005094.D

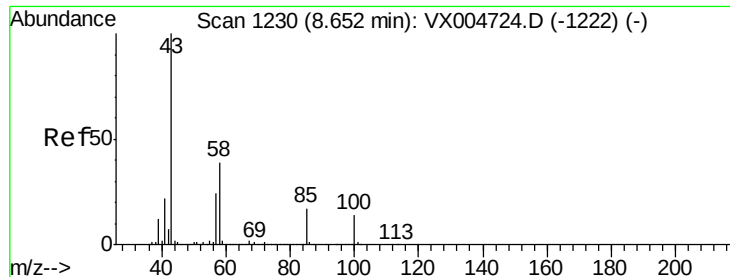
Acq: 06 Oct 2018 04:39

Tgt Ion:	98	Resp:	444391
Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





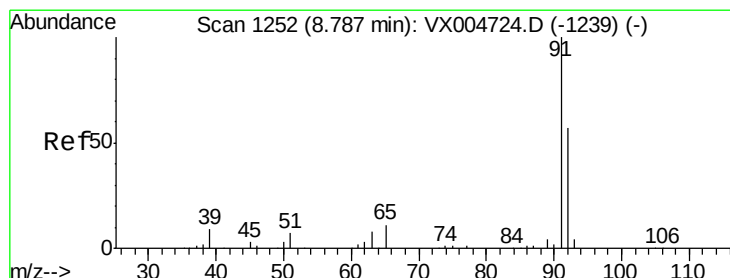
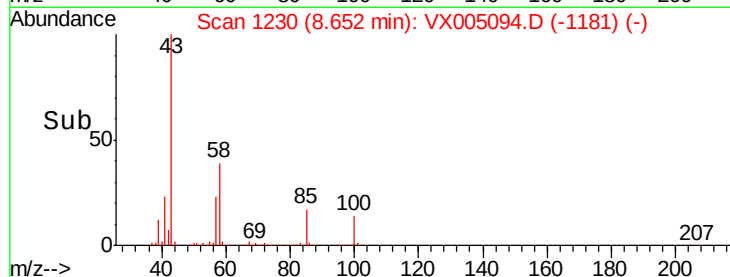
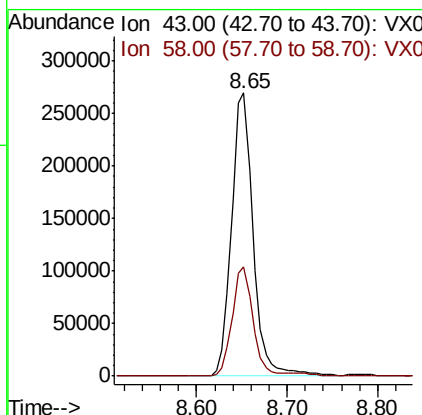
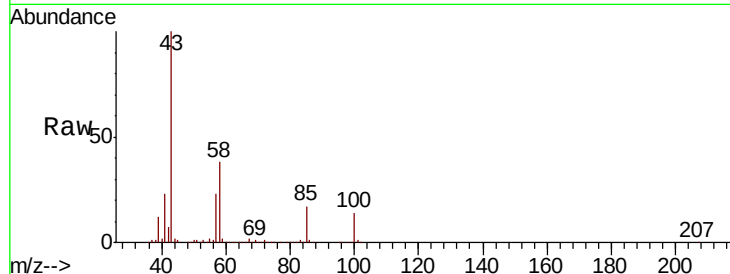
#51
4-Methyl-2-Pentanone
Concen: 113.832 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Instrument :
MSVOA_X
ClientSampled :
VX1005WBS02

Tot Ion: 43 Resp: 447413
Ion Ratio Lower Upper
43 100
58 37.0 30.5 45.7

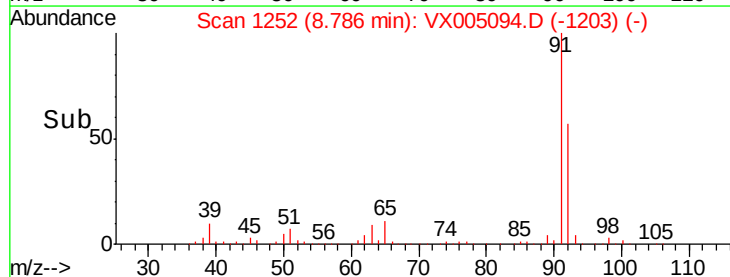
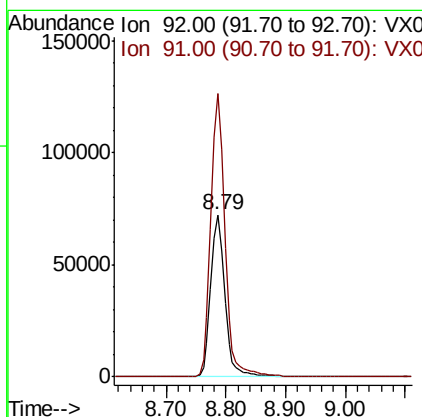
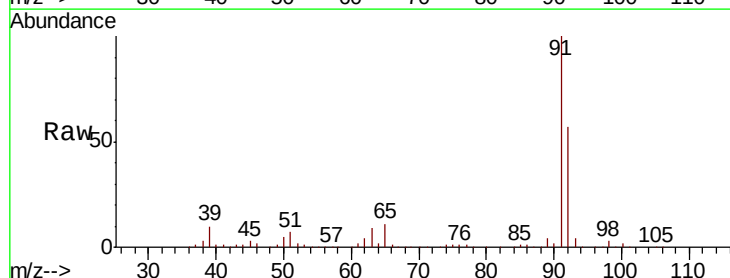
Manual Integrations
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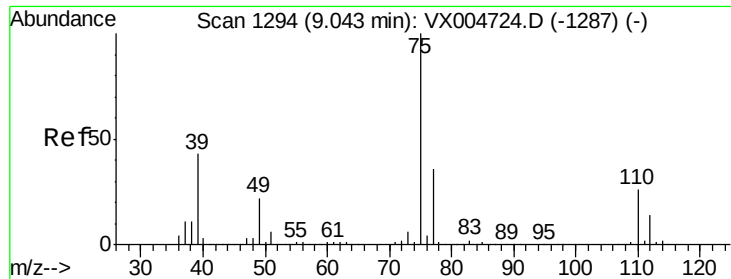
MMDadoda
10/8/2018 2:02:42 PM



#52
Toluene
Concen: 21.118 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Tgt Ion: 92 Resp: 118363
Ion Ratio Lower Upper
92 100
91 174.5 136.7 205.1





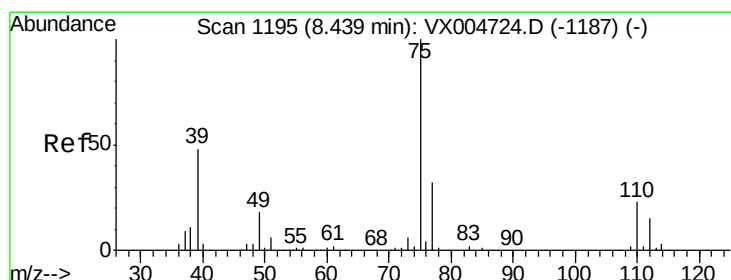
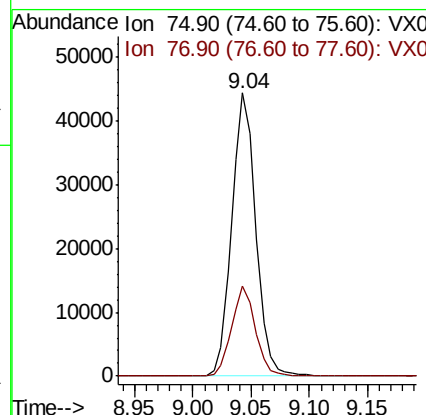
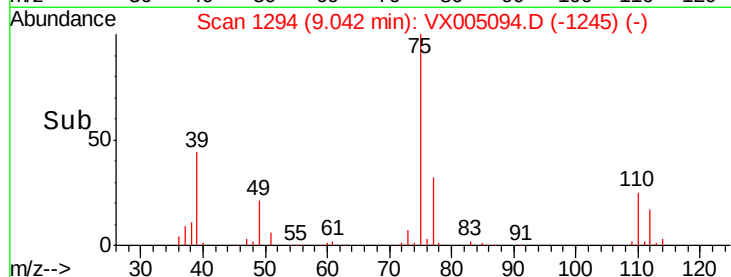
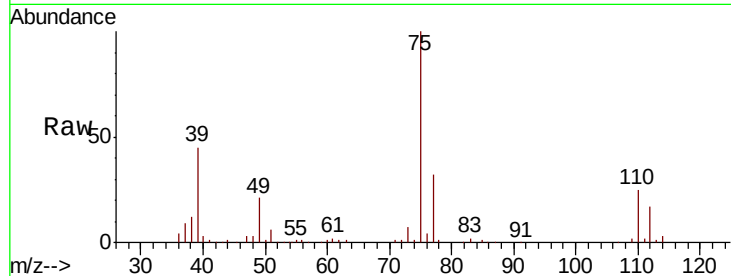
#53
 t-1,3-Dichloropropene
 Concen: 19.159 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	28.9	43.3

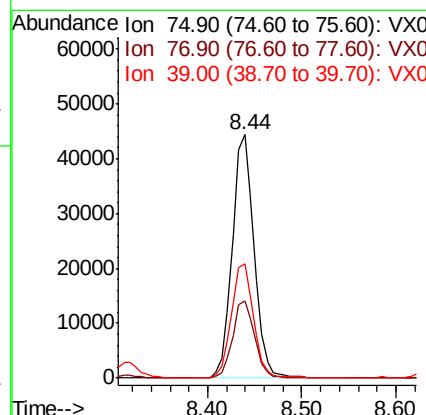
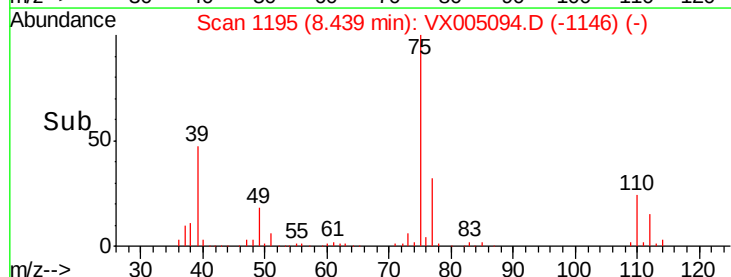
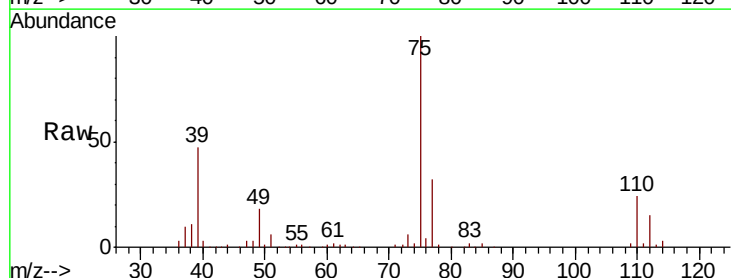
Manual Integrations
 APPROVED

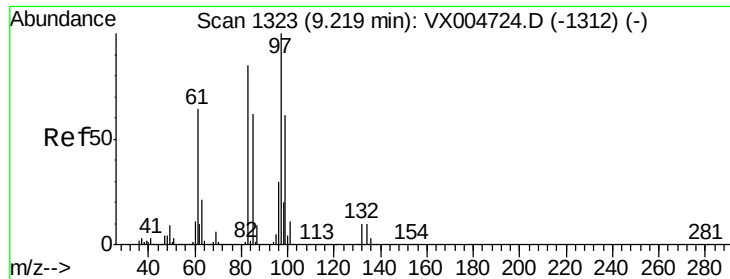
MMDadoda
 10/8/2018 2:02:42 PM



#54
 cis-1,3-Dichloropropene
 Concen: 20.468 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.7	38.5
39	47.0	38.3	57.5





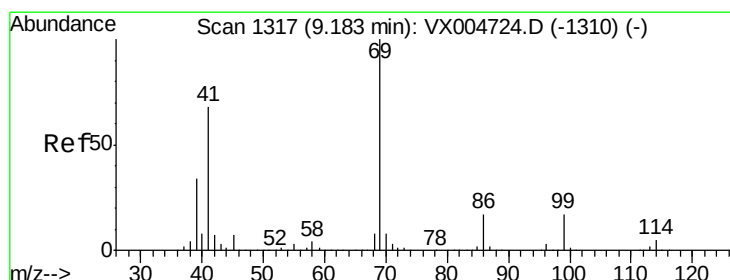
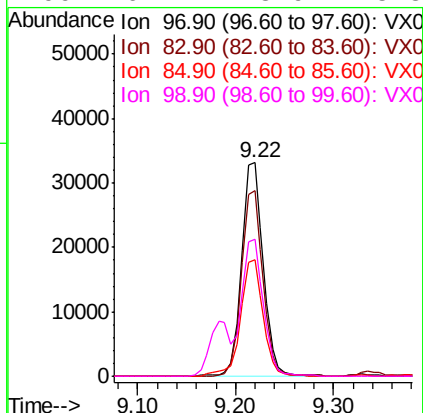
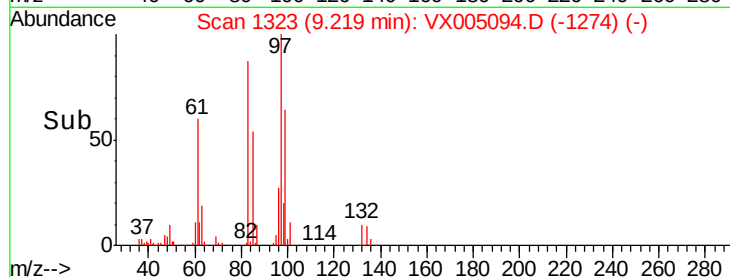
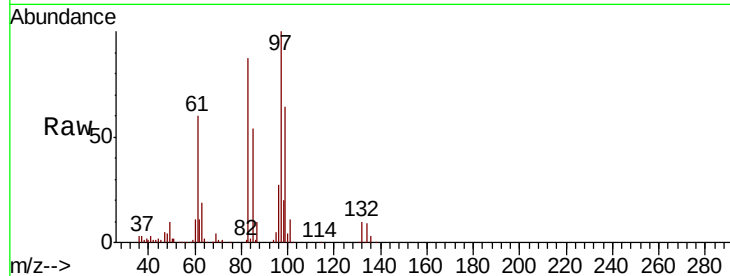
#55
 1,1,2-Trichloroethane
 Concen: 20.730 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBS02

Tot Ion:	97	Resp:	50895
Ion	Ratio	Lower	Upper
97	100		
83	87.0	68.2	102.2
85	54.3	49.9	74.9
99	64.2	48.9	73.3

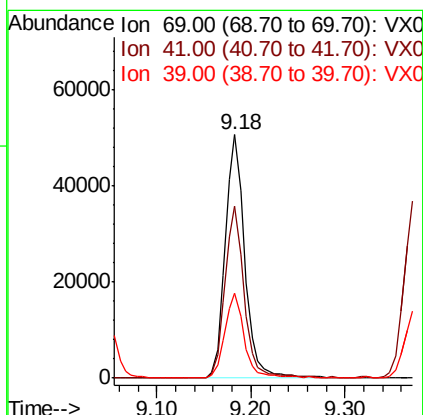
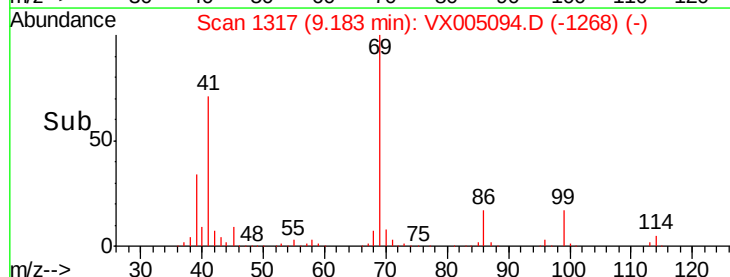
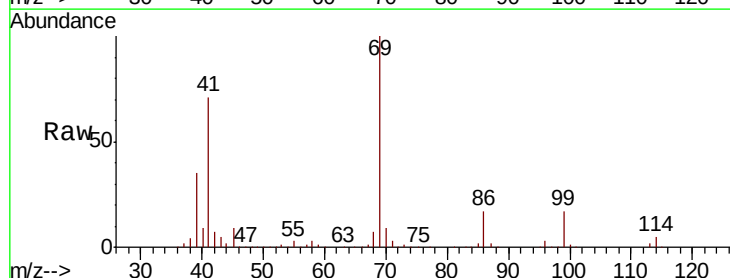
Manual Integrations
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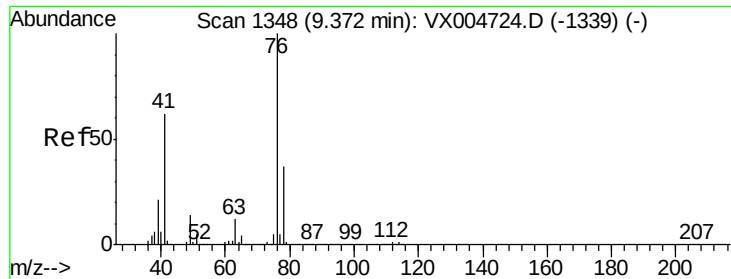
MMDadoda
 10/8/2018 2:02:42 PM



#56
 Ethyl methacrylate
 Concen: 20.159 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Tgt Ion:	69	Resp:	73097
Ion	Ratio	Lower	Upper
69	100		
41	69.4	56.9	85.3
39	34.3	28.4	42.6





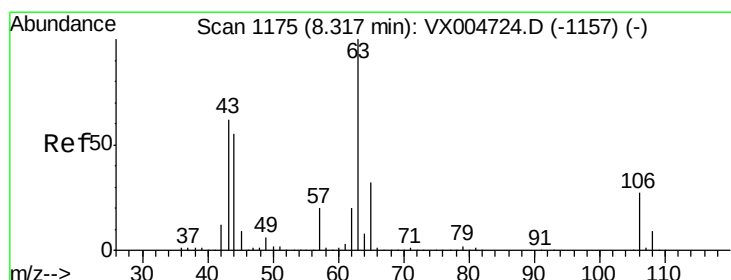
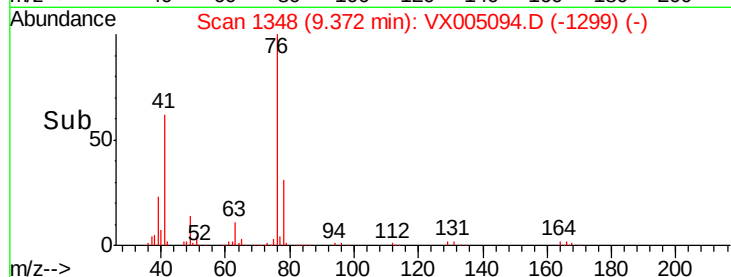
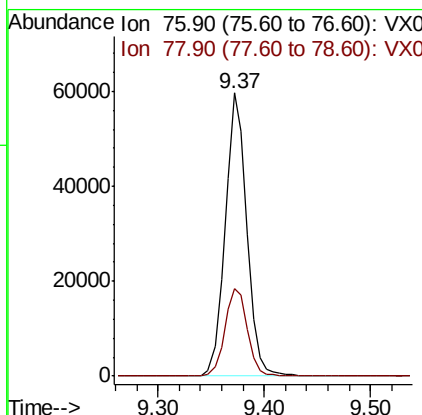
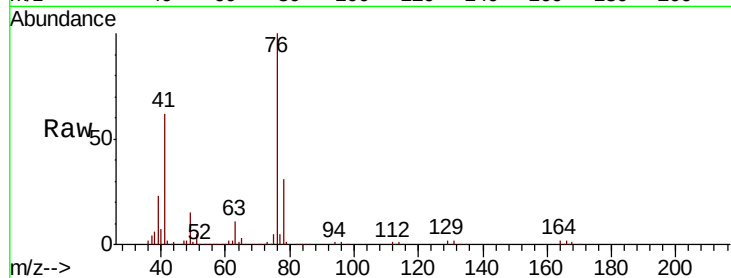
#57
 1,3-Dichloropropane
 Concen: 20.715 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBS02

Tot Ion: 76 Resp: 84645
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.6 40.0

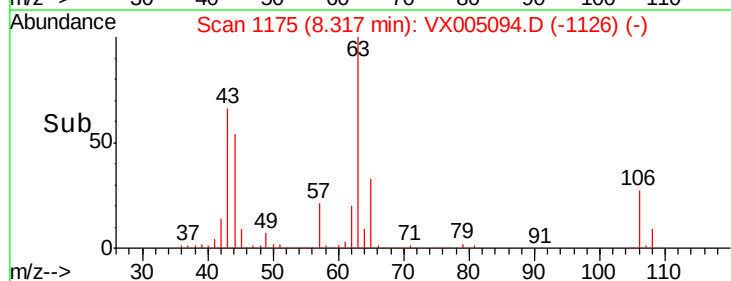
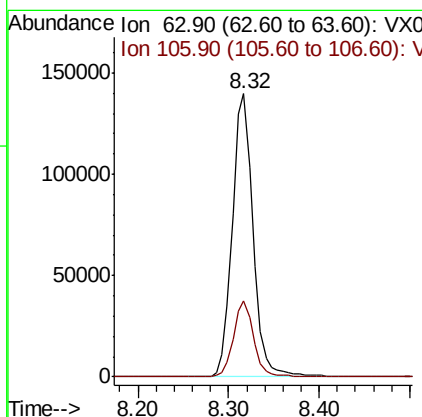
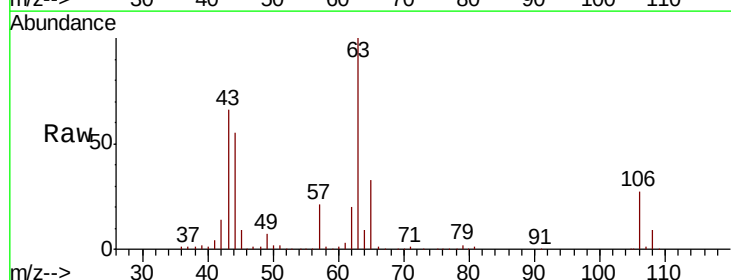
Manual Integrations
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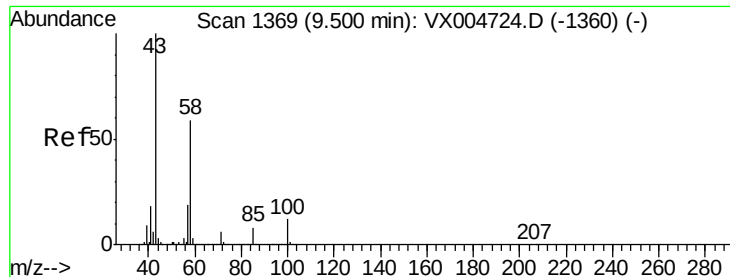
MMDadoda
 10/8/2018 2:02:42 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 113.080 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Tgt Ion: 63 Resp: 221719
 Ion Ratio Lower Upper
 63 100
 106 26.2 21.0 31.6





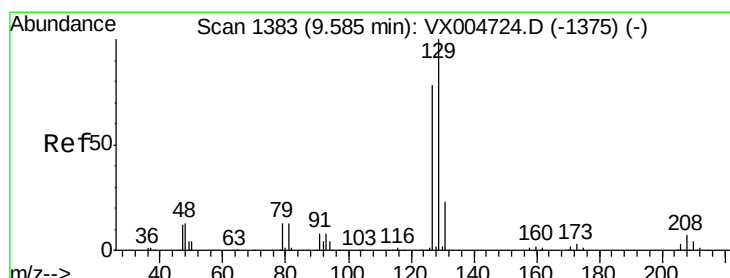
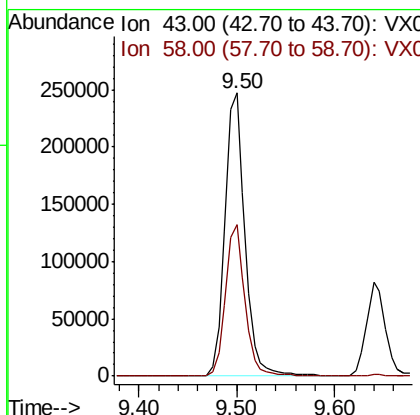
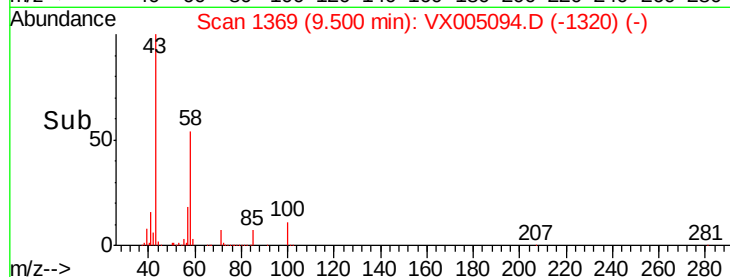
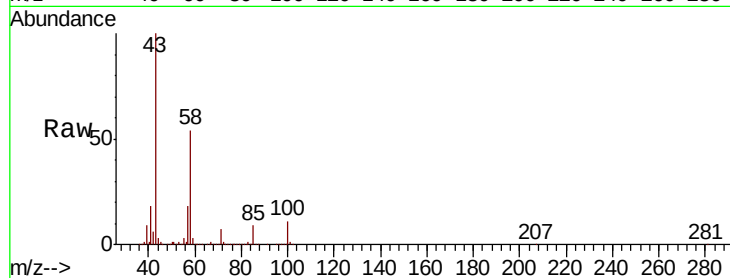
#59
2-Hexanone
Concen: 106.831 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBS02

Tot Ion: 43 Resp: 349908
Ion Ratio Lower Upper
43 100
58 52.3 28.4 85.3

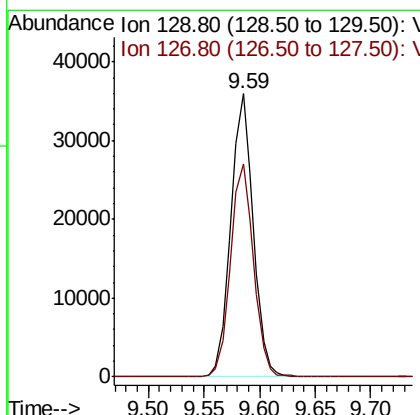
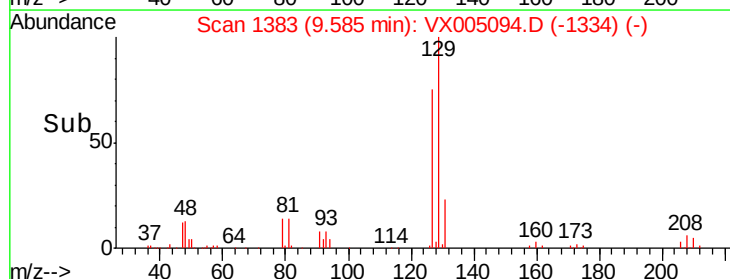
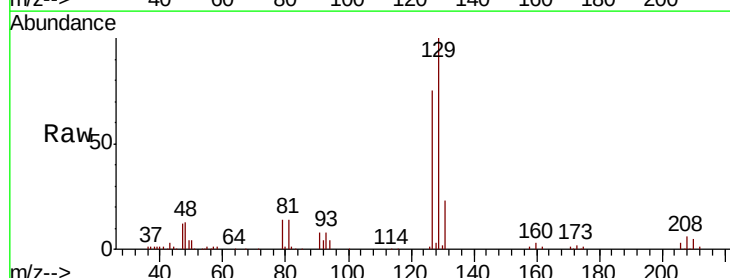
Manual Integrations
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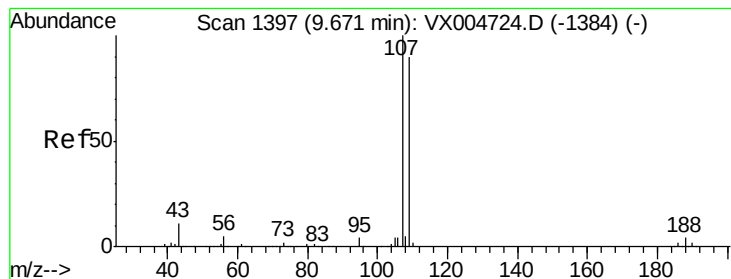
MMDadoda
10/8/2018 2:02:42 PM



#60
Dibromochloromethane
Concen: 20.418 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Tgt Ion: 129 Resp: 50134
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.2





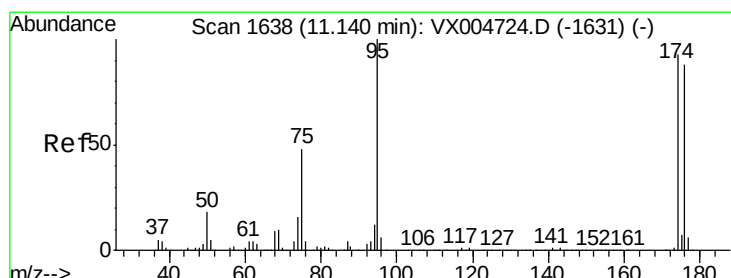
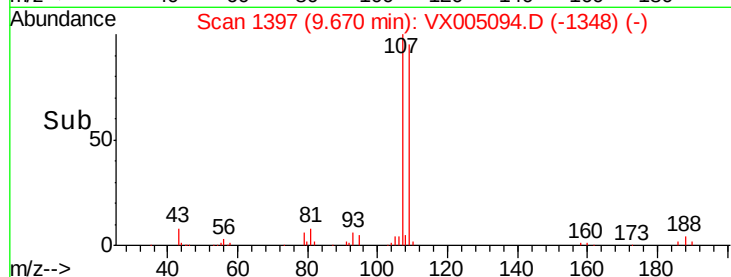
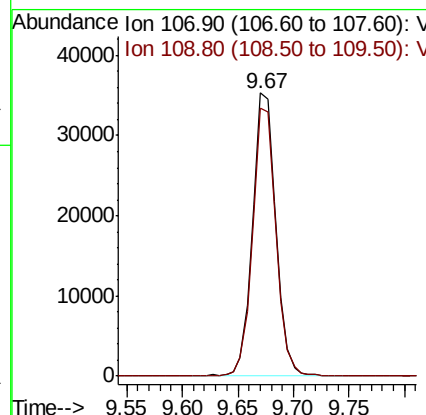
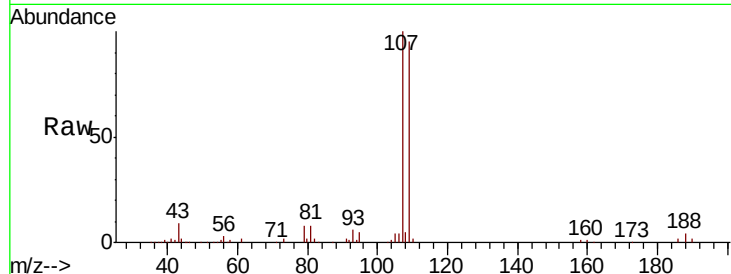
#61
 1,2-Dibromoethane
 Concen: 19.537 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBS02

Tot Ion:107 Resp: 51369
 Ion Ratio Lower Upper
 107 100
 109 95.7 72.1 108.1

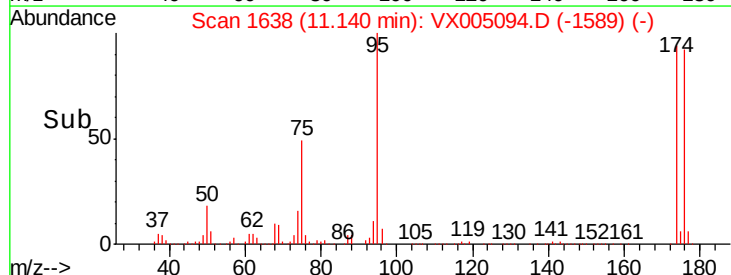
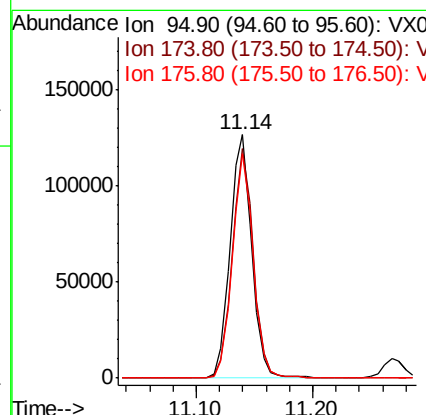
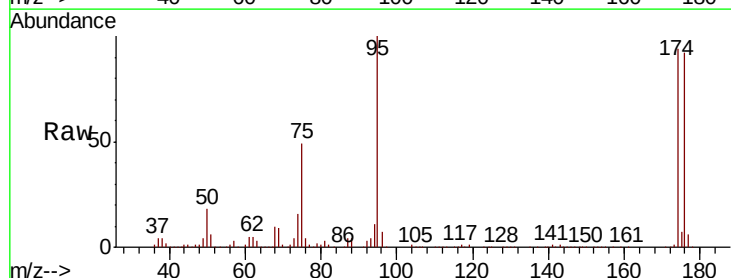
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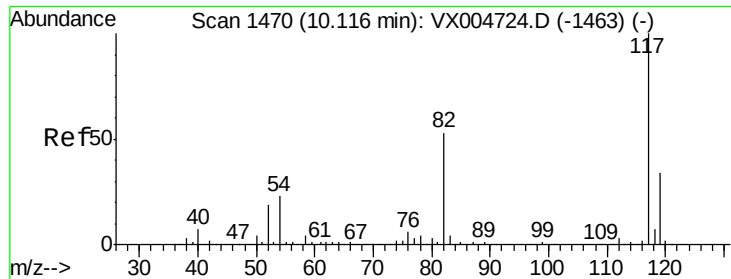
MMDadoda
 10/8/2018 2:02:42 PM



#62
 4-Bromofluorobenzene
 Concen: 56.706 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Tgt Ion: 95 Resp: 162184
 Ion Ratio Lower Upper
 95 100
 174 92.5 0.0 185.0
 176 89.3 0.0 180.2





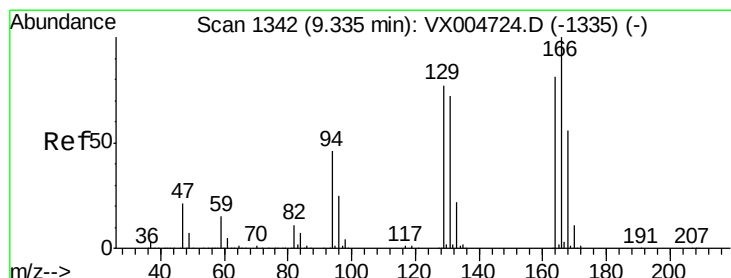
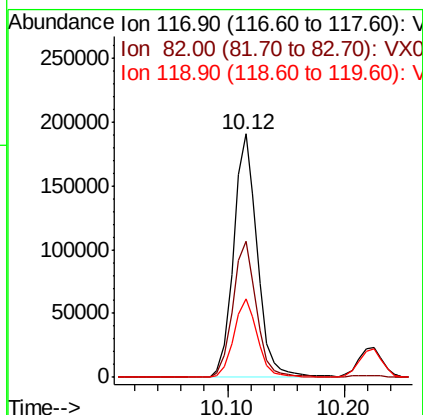
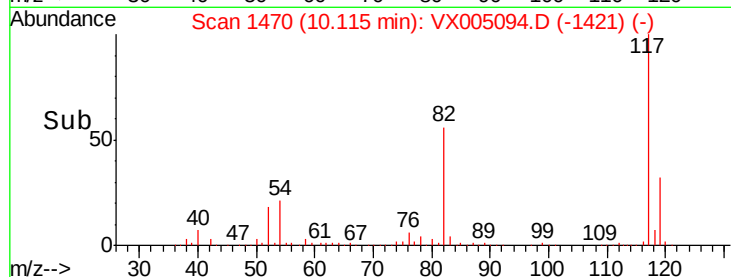
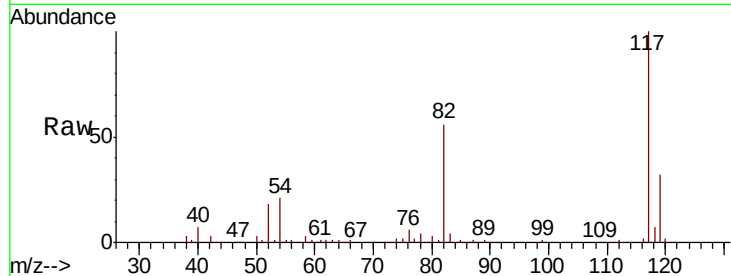
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	42.2	63.4
119	32.3	27.4	41.0

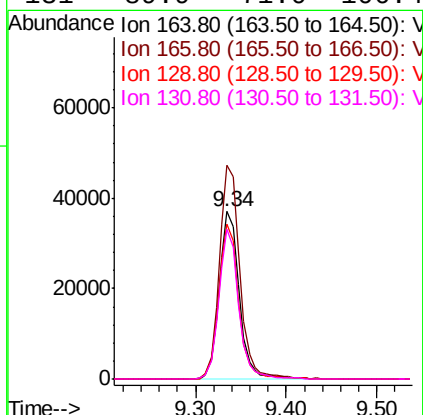
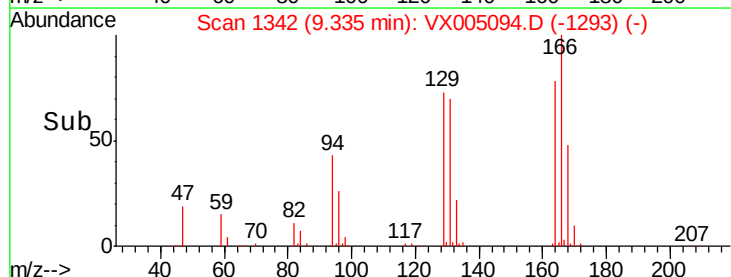
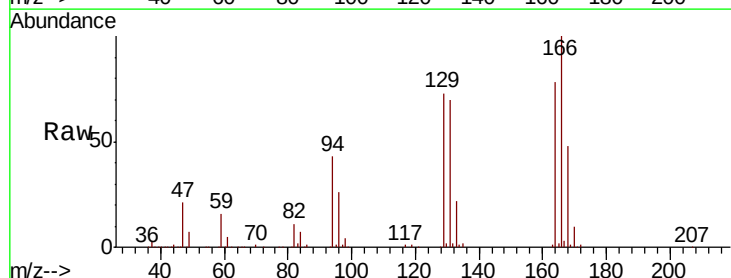
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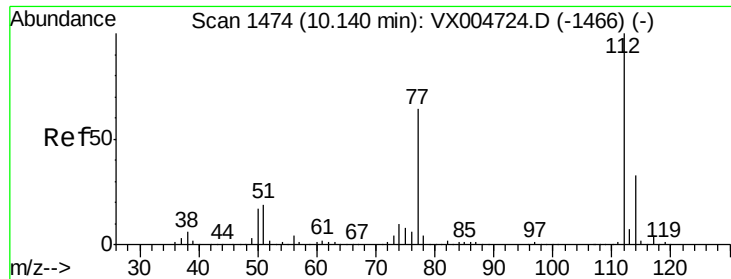
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10/8/2018 2:02:42 PM



#64
Tetrachloroethene
Concen: 21.632 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	98.4	147.6
129	92.9	76.1	114.1
131	89.9	71.0	106.4





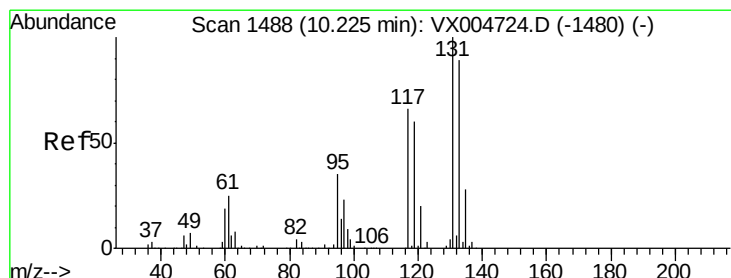
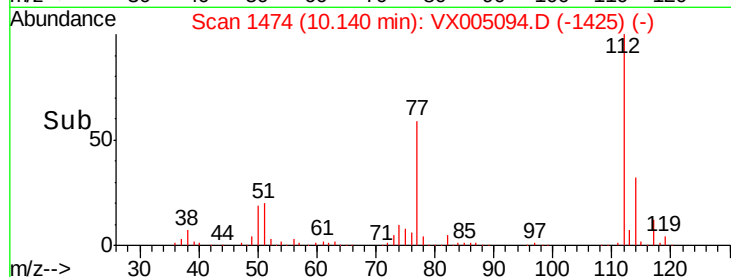
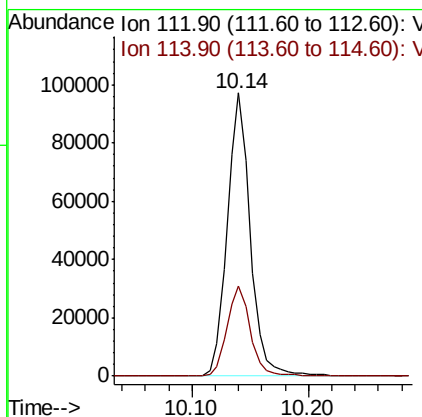
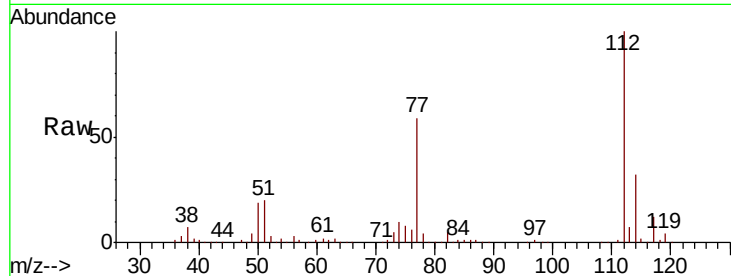
#65
Chlorobenzene
Concen: 19.239 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Instrument :
MSVOA_X
ClientSampled :
VX1005WBS02

Tot Ion:112 Resp: 132989
Ion Ratio Lower Upper
112 100
114 31.9 26.7 40.1

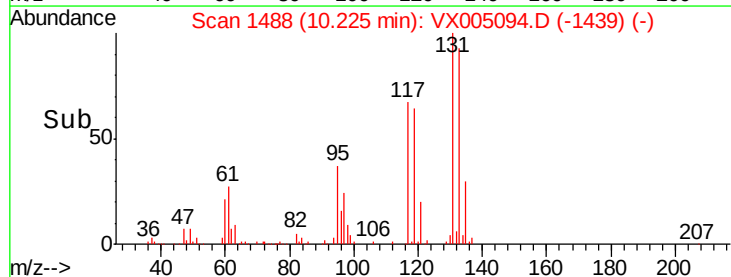
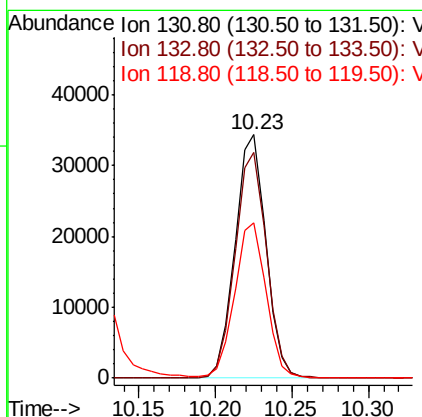
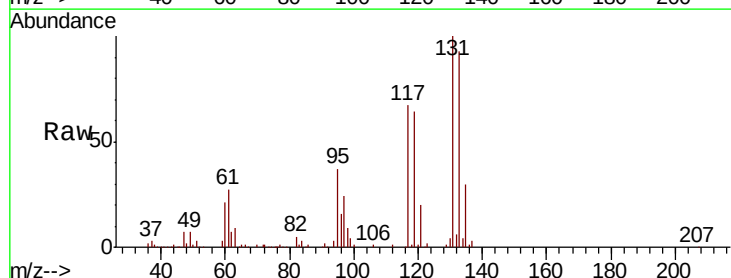
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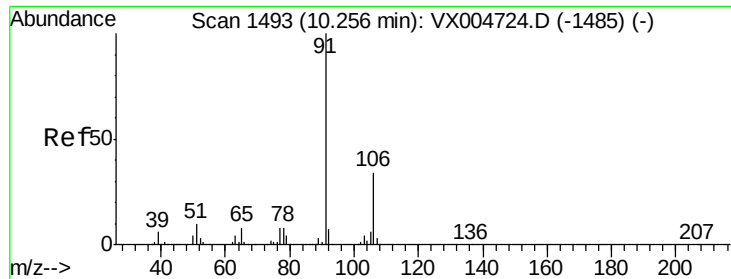
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10/8/2018 2:02:42 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.800 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Tgt Ion:131 Resp: 48116
Ion Ratio Lower Upper
131 100
133 94.7 48.4 145.0
119 65.5 32.3 96.8





#67

Ethyl Benzene

Concen: 19.953 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampled :

VX1005WBS02

Tot Ion: 91 Resp: 218971

Ion Ratio Lower Upper

91 100

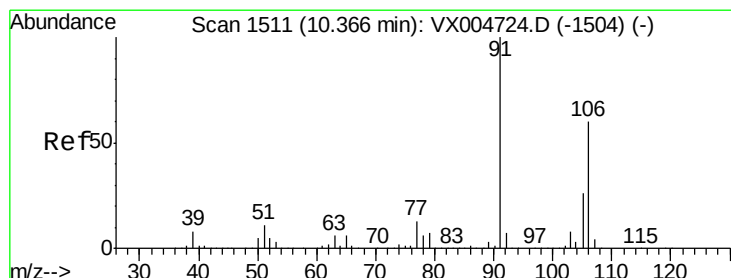
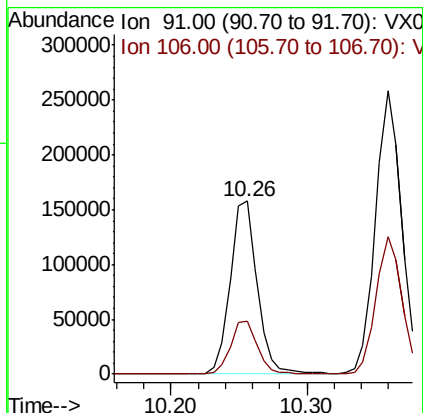
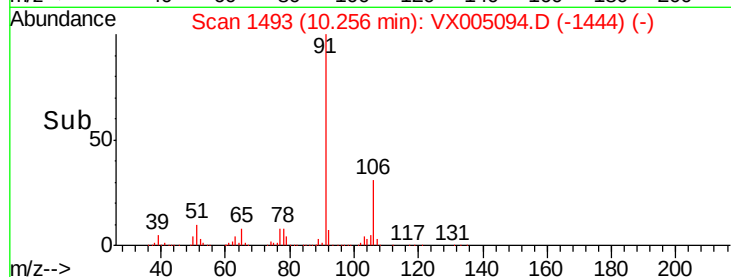
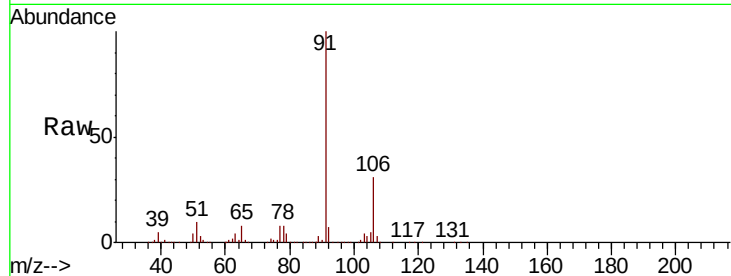
106 30.7 26.9 40.3

Manual Integrations

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10/8/2018 2:02:42 PM



#68

m/p-Xylenes

Concen: 40.085 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005094.D

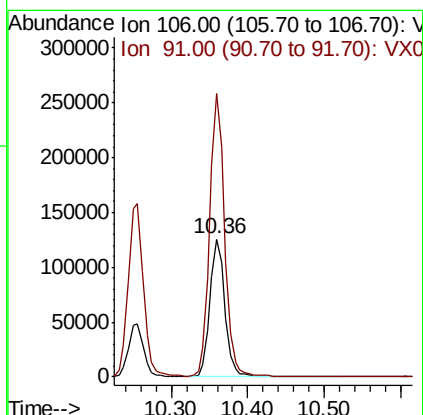
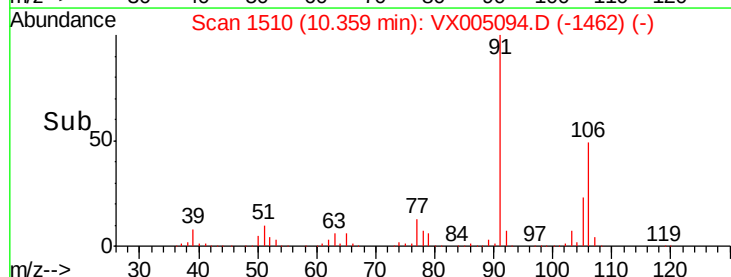
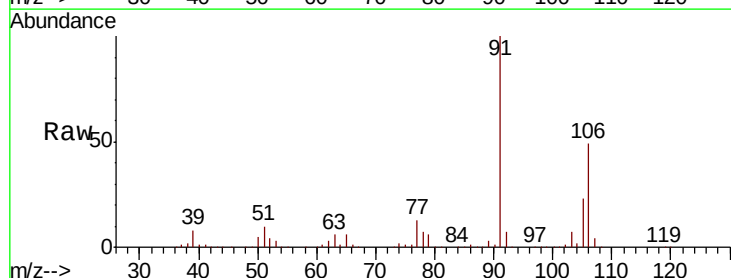
Acq: 06 Oct 2018 04:39

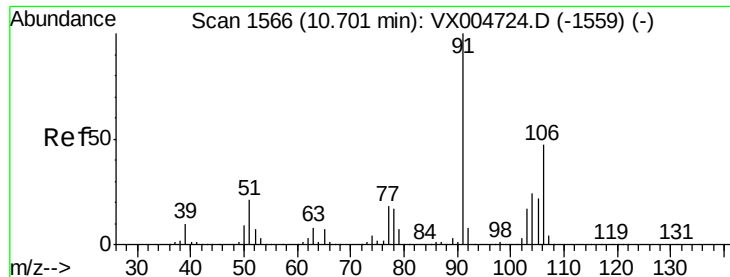
Tgt Ion: 106 Resp: 171899

Ion Ratio Lower Upper

106 100

91 204.6 157.5 236.3





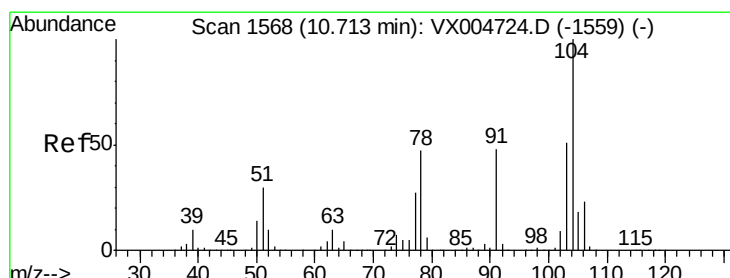
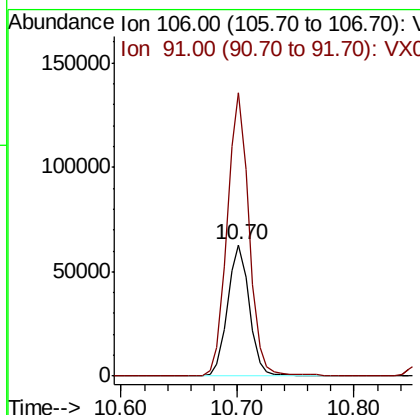
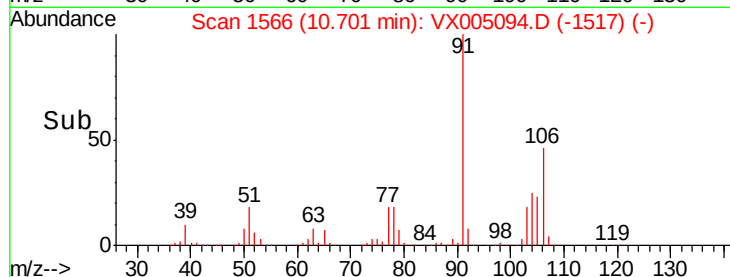
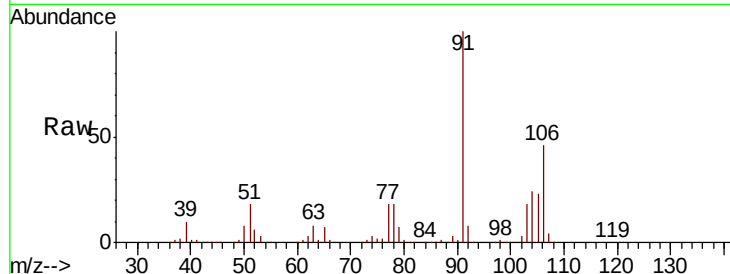
#69
o-Xylene
Concen: 20.767 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Instrument :
MSVOA_X
ClientSampled :
VX1005WBS02

Tot Ion:106 Resp: 81799
Ion Ratio Lower Upper
106 100
91 217.1 108.3 324.8

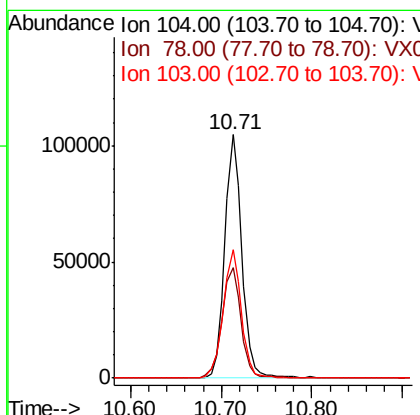
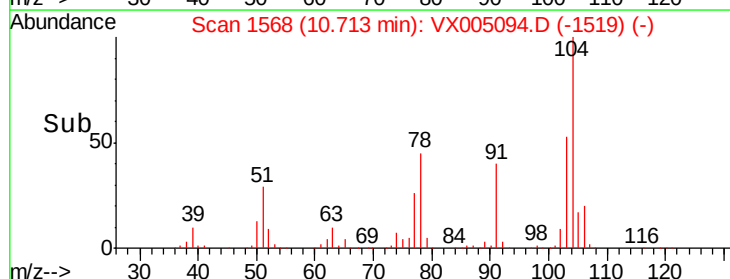
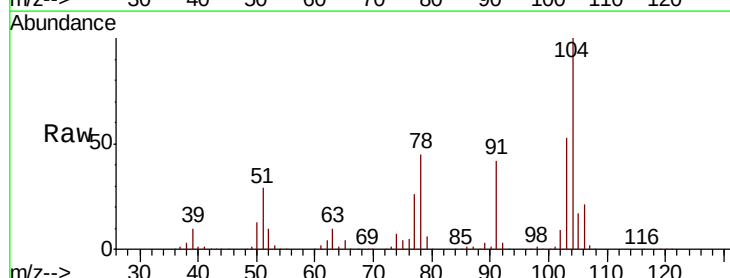
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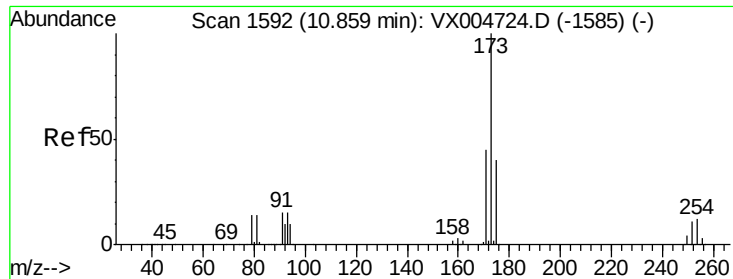
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#70
Styrene
Concen: 20.028 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Tgt Ion:104 Resp: 137671
Ion Ratio Lower Upper
104 100
78 50.9 40.0 60.0
103 56.4 44.3 66.5





#71

Bromoform

Concen: 19.242 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

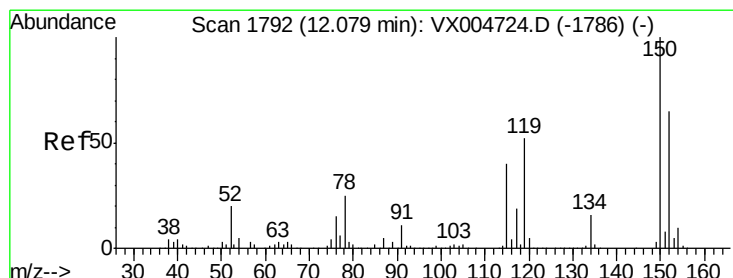
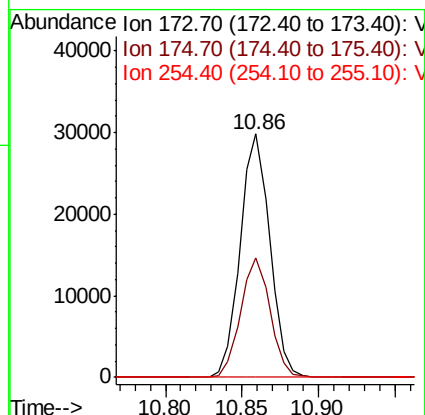
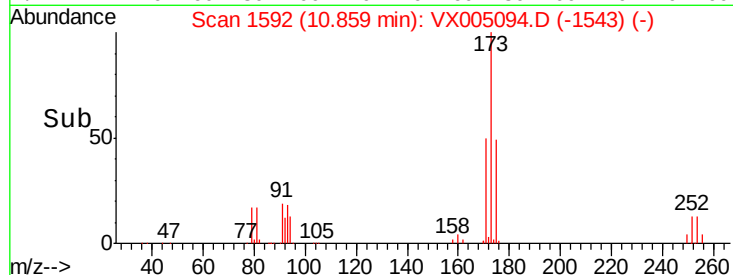
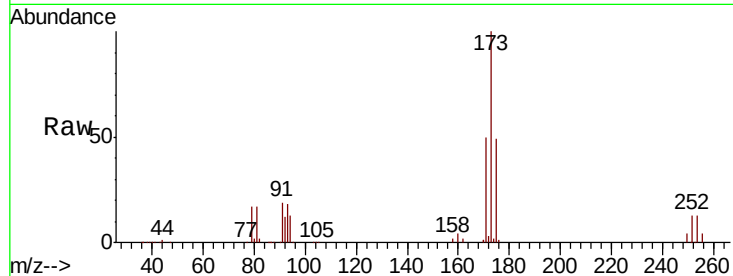
ClientSampleId :

VX1005WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	23.3	69.8
254	0.0	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

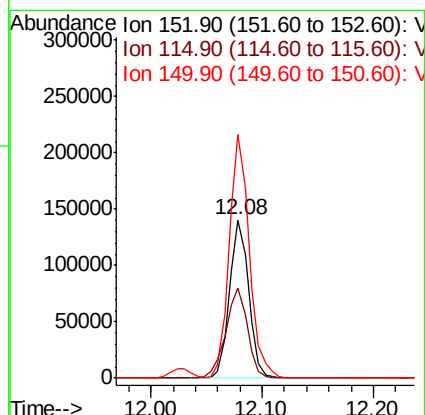
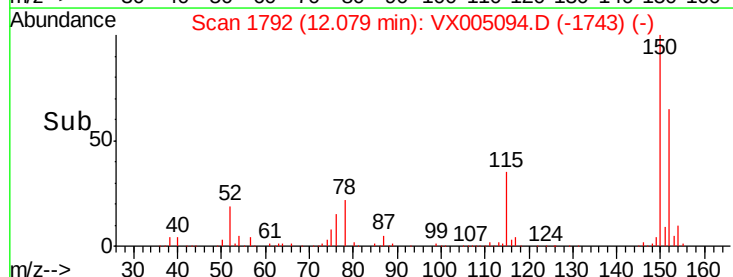
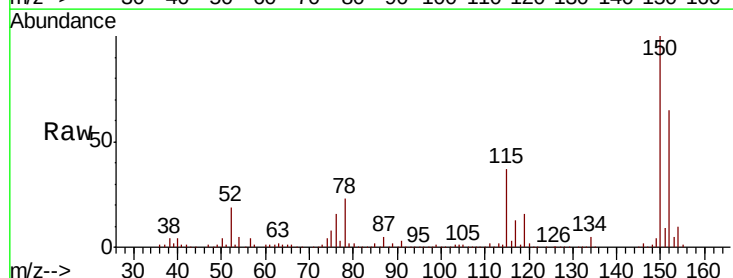
RT: 12.08 min Scan# 1792

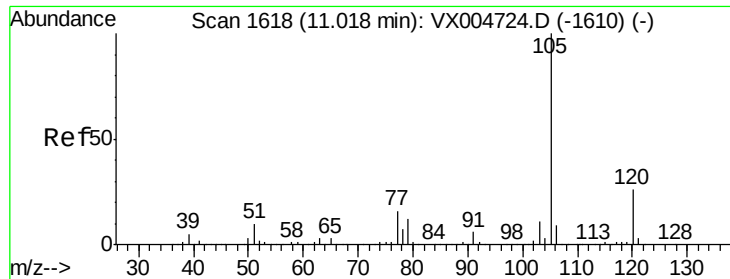
Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.6	40.2	120.6
150	161.6	0.0	351.0





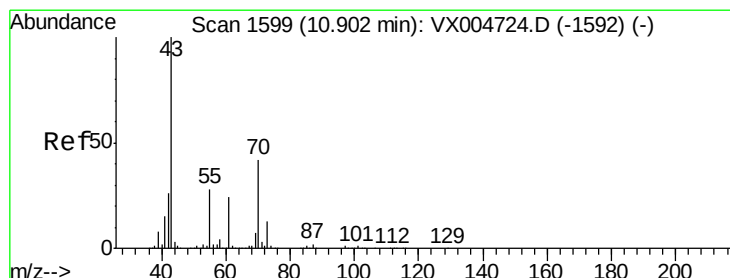
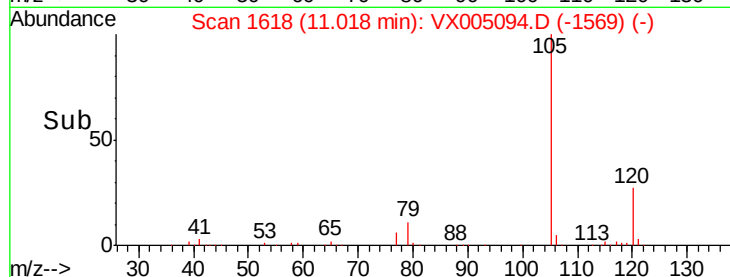
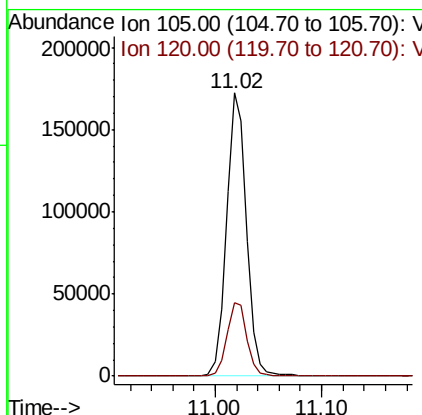
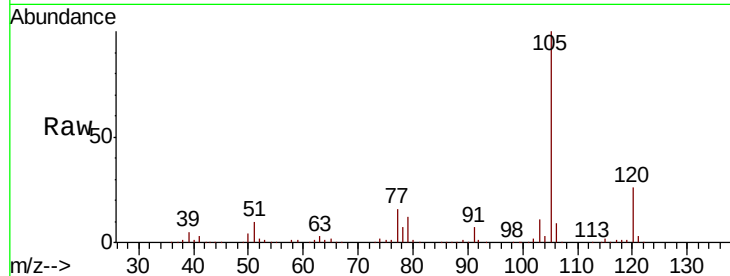
#73
Isopropylbenzene
Concen: 21.412 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.2	39.5

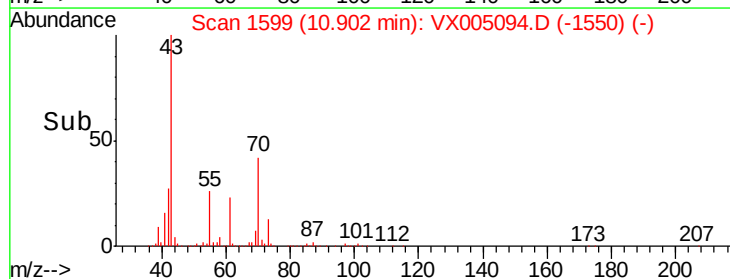
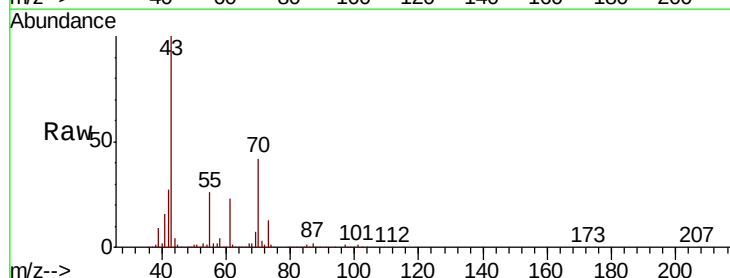
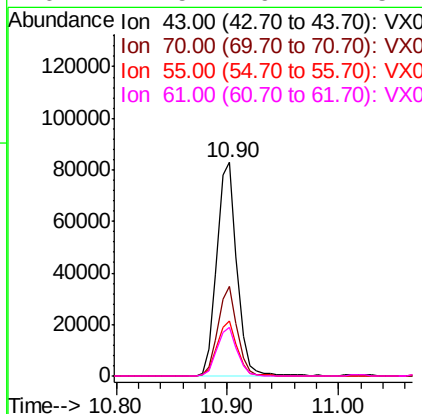
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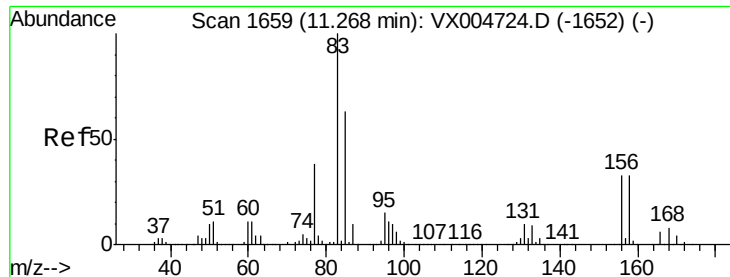
MMDadoda
10/8/2018 2:02:42 PM



#74
N-ethyl acetate
Concen: 19.184 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.0	32.6	48.8
55	25.8	21.6	32.4
61	22.5	19.1	28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 18.929 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

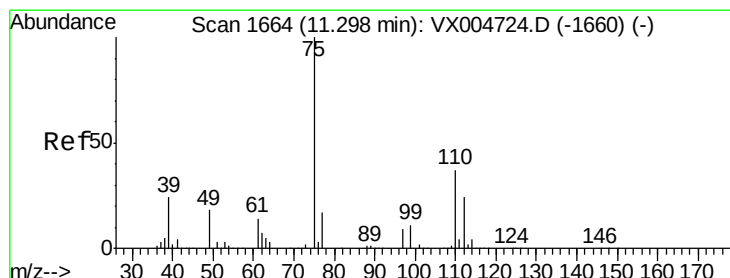
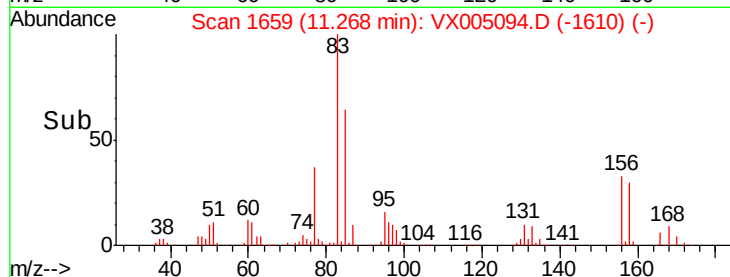
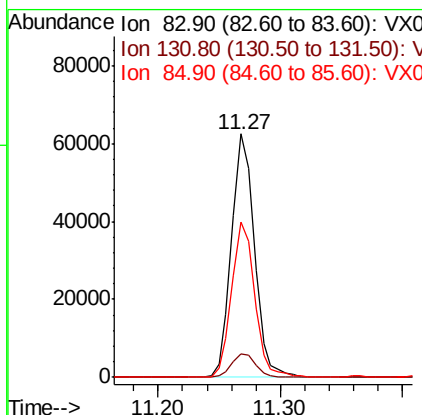
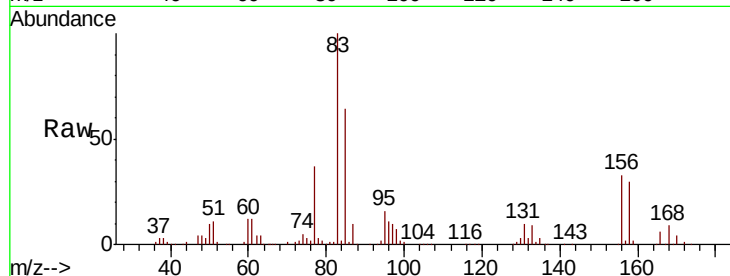
ClientSampleId :

VX1005WBS02

Tot Ion:	83	Resp:	81031
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.3
85	64.5	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 20.038 ug/l m

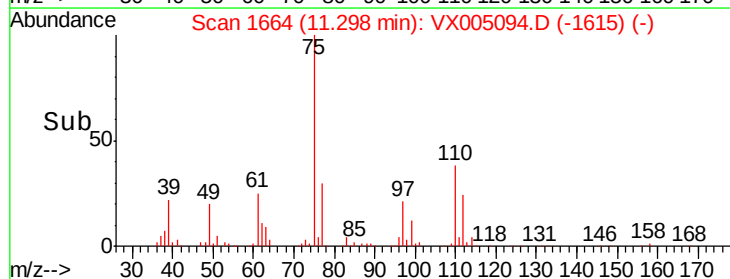
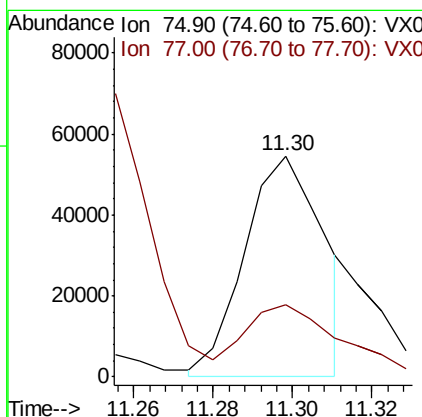
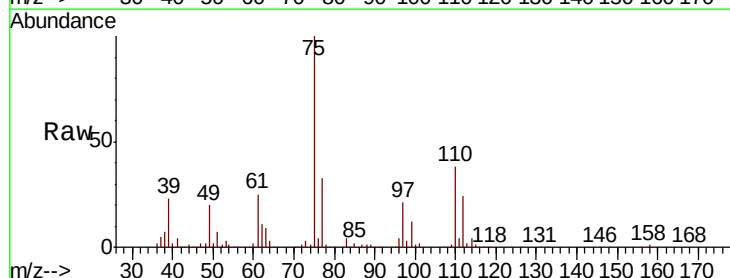
RT: 11.30 min Scan# 1664

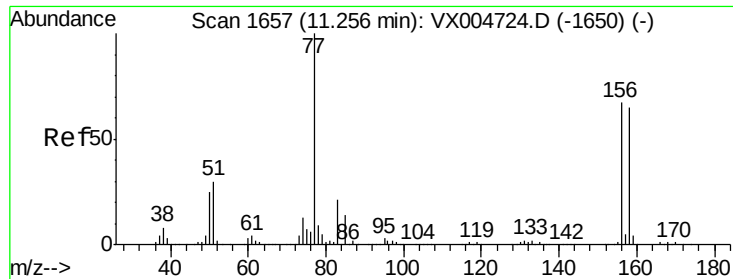
Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Tgt Ion:	75	Resp:	74932
Ion Ratio	Lower	Upper	
75	100		
77	40.4	21.4	64.3





#77

Bromobenzene

Concen: 20.120 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

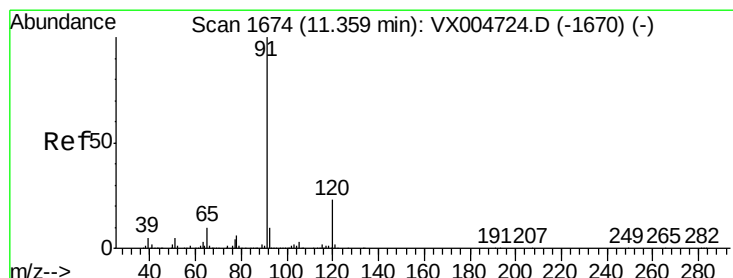
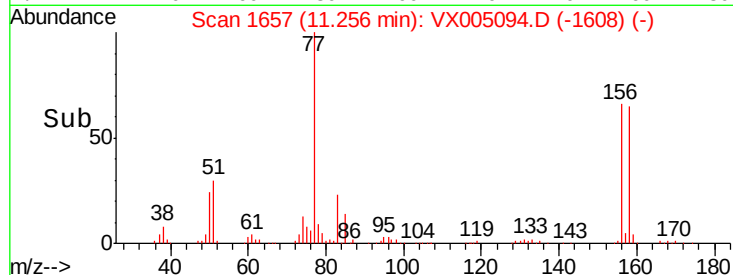
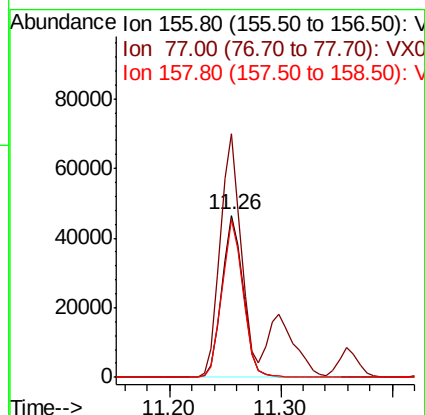
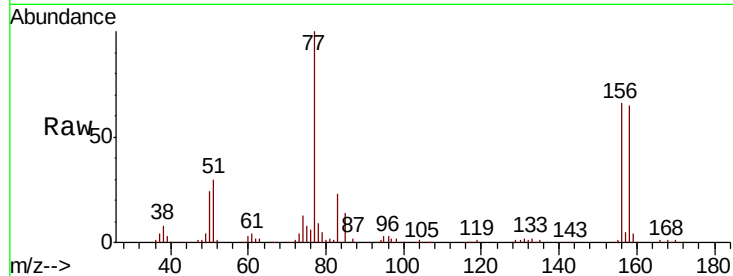
ClientSampleId :

VX1005WBS02

Tot Ion:	156	Resp:	61456
Ion	Ratio	Lower	Upper
156	100		
77	148.4	73.4	220.2
158	97.0	49.1	147.4

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#78

n-propylbenzene

Concen: 21.384 ug/l

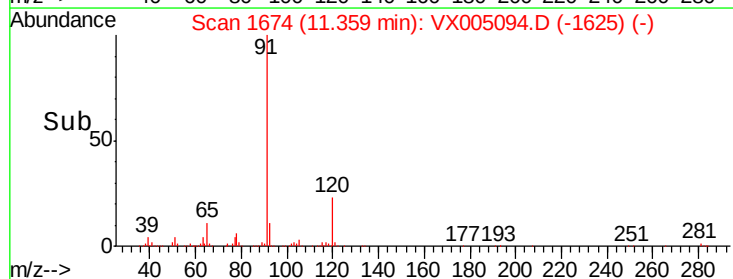
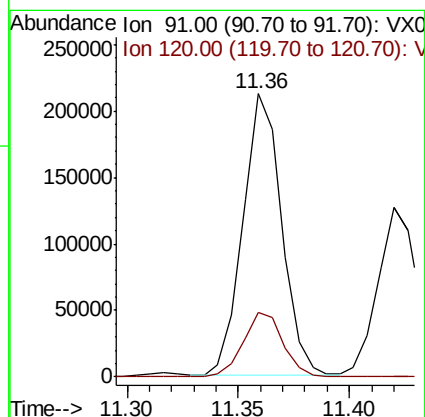
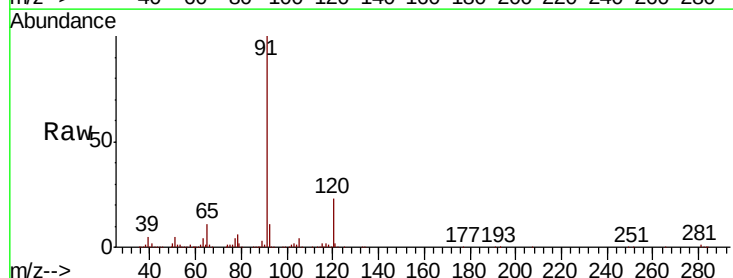
RT: 11.36 min Scan# 1674

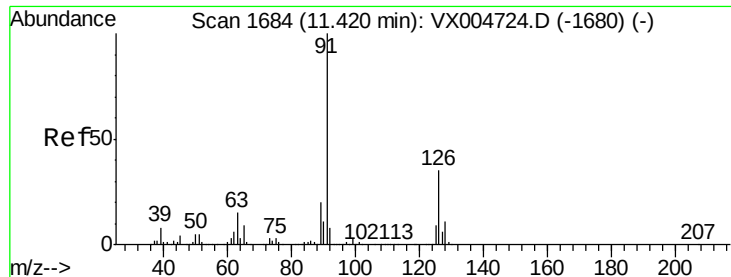
Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Tgt Ion:	91	Resp:	258016
Ion	Ratio	Lower	Upper
91	100		
120	23.7	12.0	36.0





#79

2-Chlorotoluene

Concen: 20.915 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampled :

VX1005WBS02

Tot Ion: 91 Resp: 157301

Ion Ratio Lower Upper

91 100

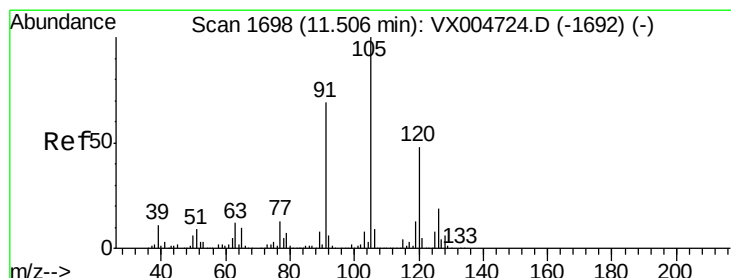
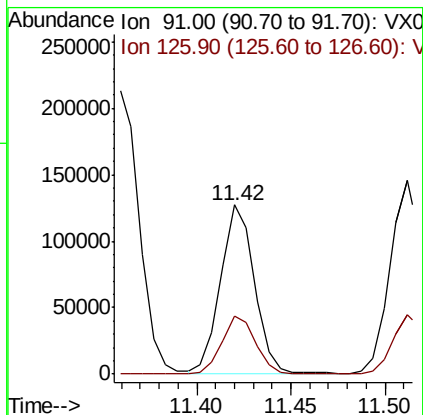
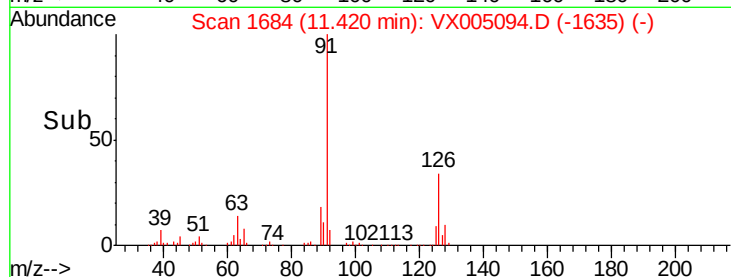
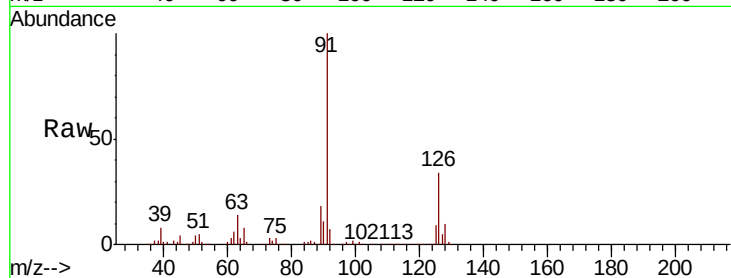
126 34.9 17.6 52.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.849 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005094.D

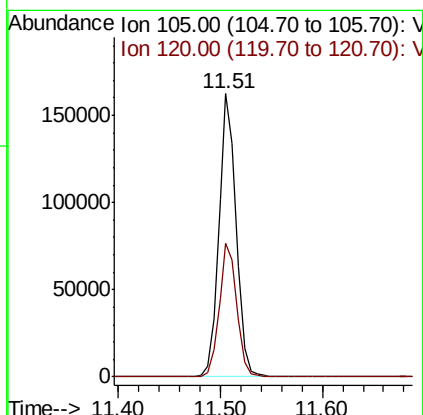
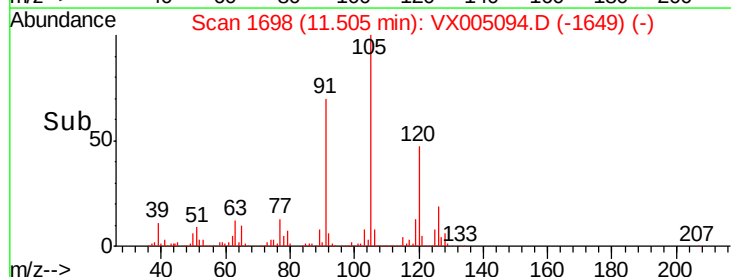
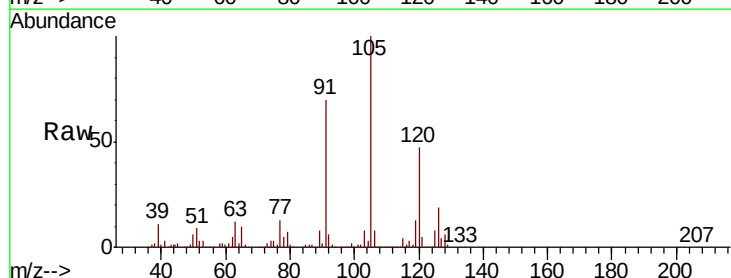
Acq: 06 Oct 2018 04:39

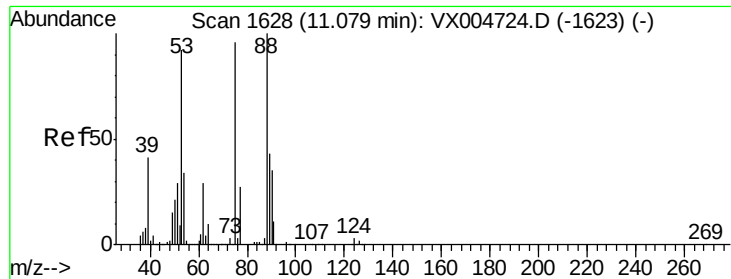
Tgt Ion: 105 Resp: 192458

Ion Ratio Lower Upper

105 100

120 48.1 24.3 72.8





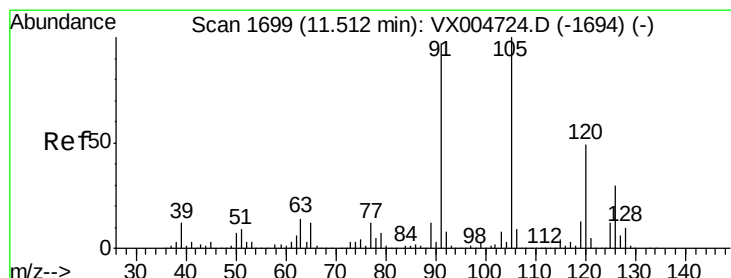
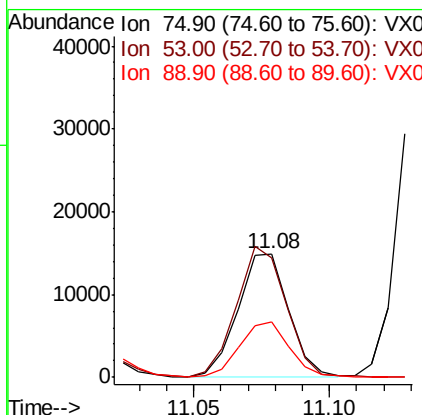
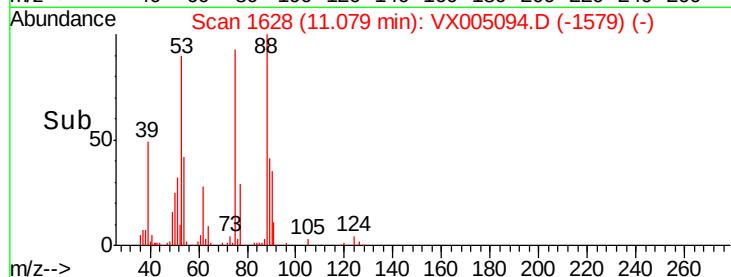
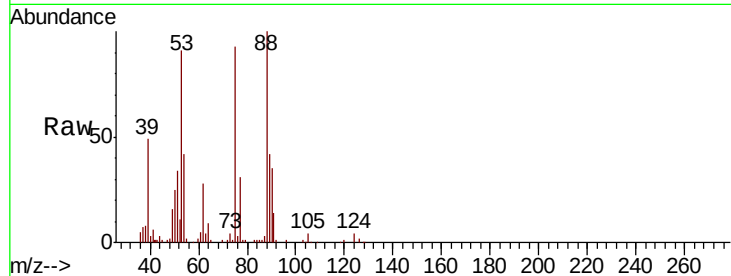
#81
trans-1,4-Dichloro-2-butene
Concen: 15.326 ug/l
RT: 11.08 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.6	80.2	120.4
89	44.9	37.1	55.7

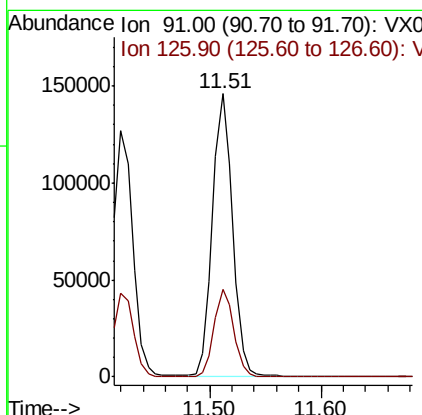
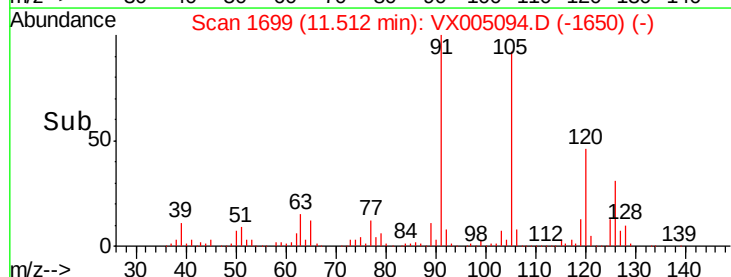
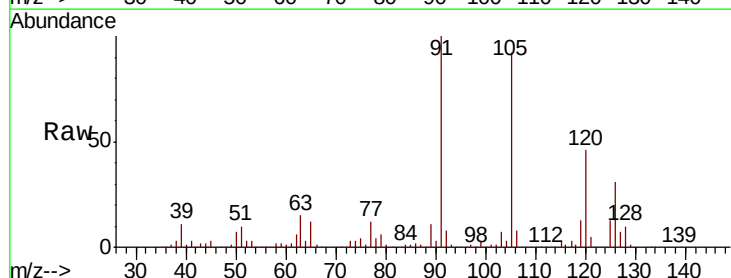
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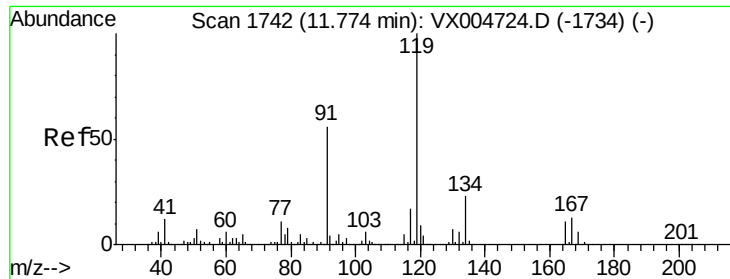
MMDadoda
10/8/2018 2:02:42 PM



#82
4-Chlorotoluene
Concen: 20.747 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.5	46.5





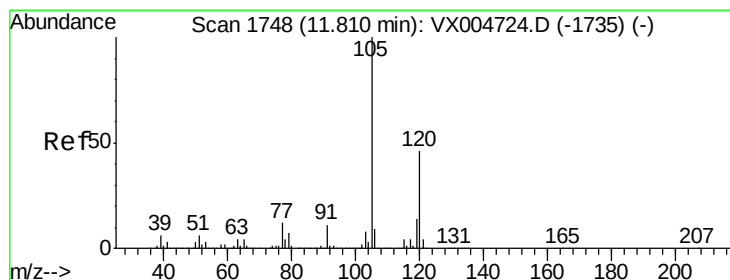
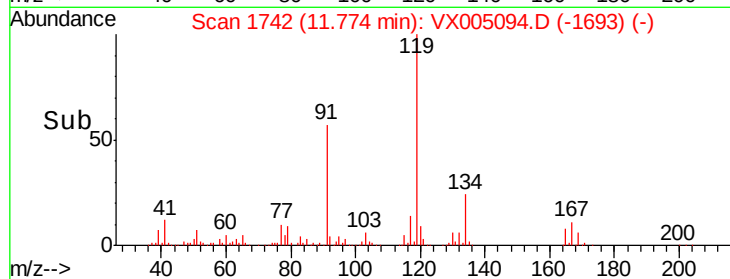
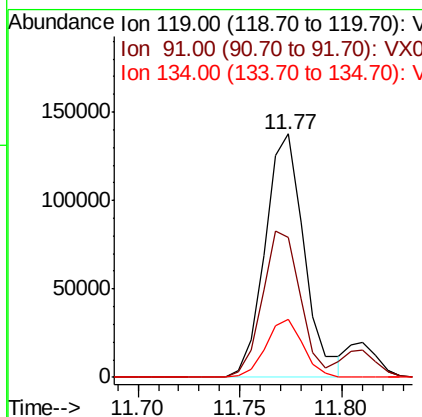
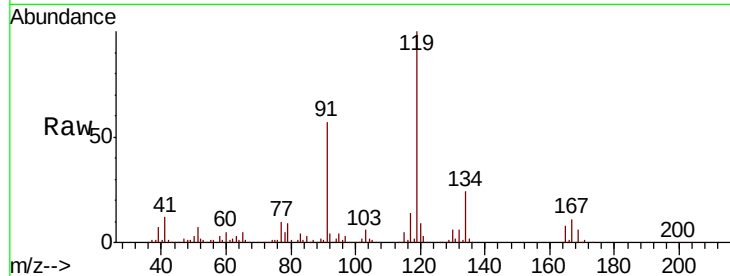
#83
 tert-Butylbenzene
 Concen: 21.241 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	183904		
91	58.5		27.5	82.5
134	22.8		11.5	34.4

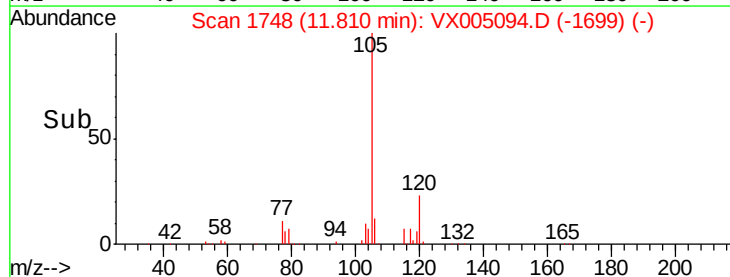
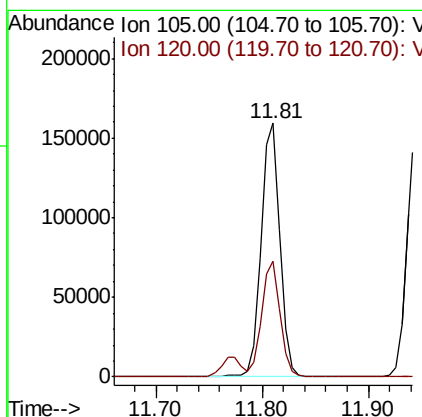
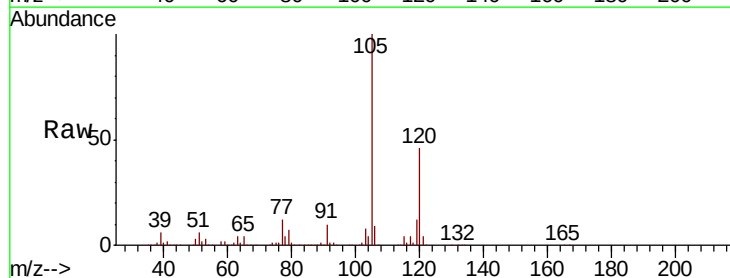
Manual Integrations
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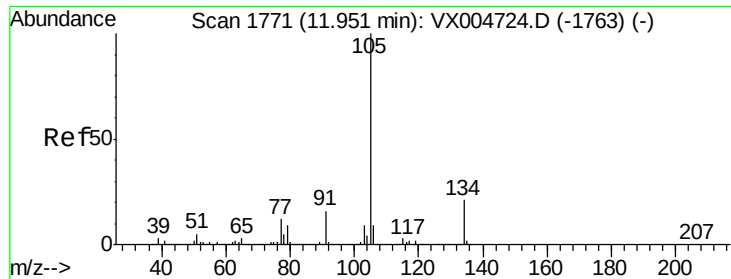
MMDadoda
 10/8/2018 2:02:42 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.709 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	197095		
120	44.7		22.8	68.3





#85

sec-Butylbenzene

Concen: 21.512 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBS02

Tot Ion:105 Resp: 226867

Ion Ratio Lower Upper

105 100

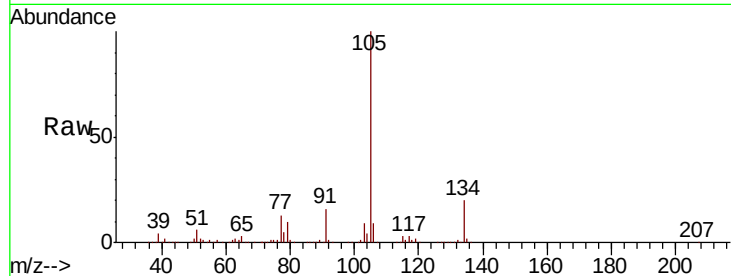
134 20.2 10.2 30.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

200000

150000

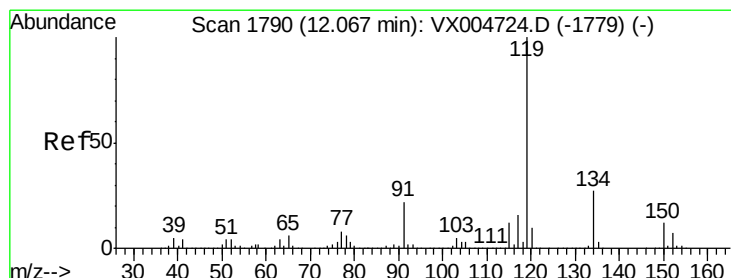
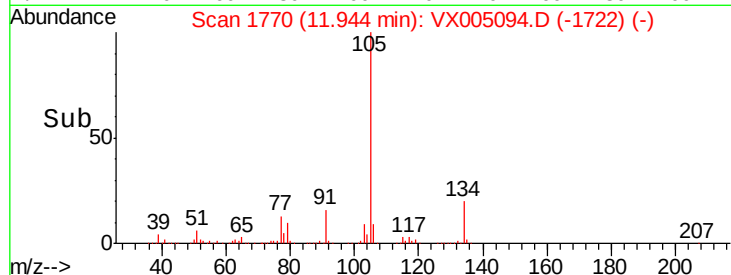
100000

50000

0

11.90 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 21.126 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

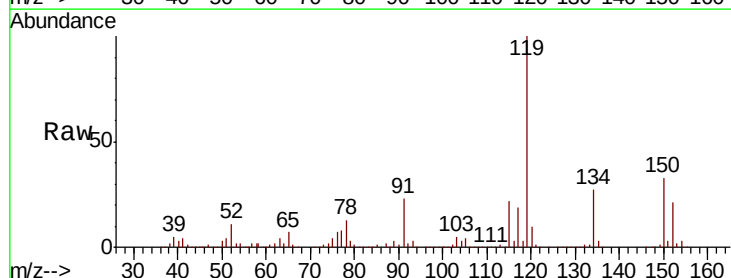
Tgt Ion:119 Resp: 201849

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 23.4 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

200000

150000

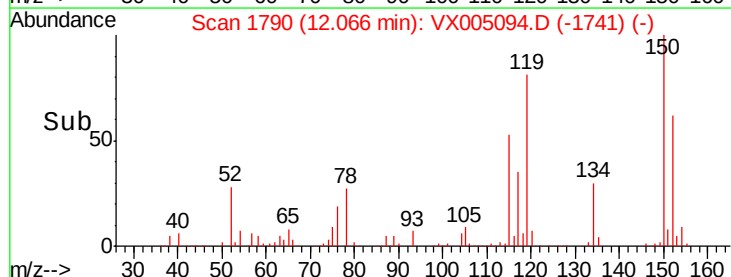
100000

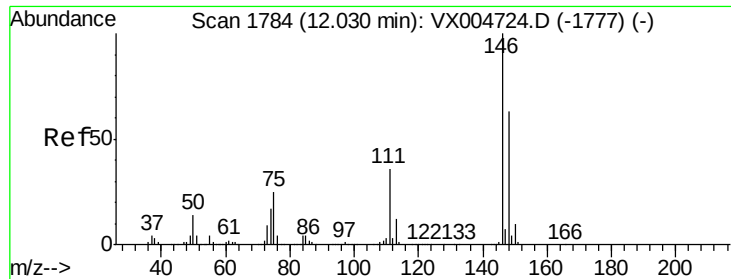
50000

0

12.00 12.10

Time-->





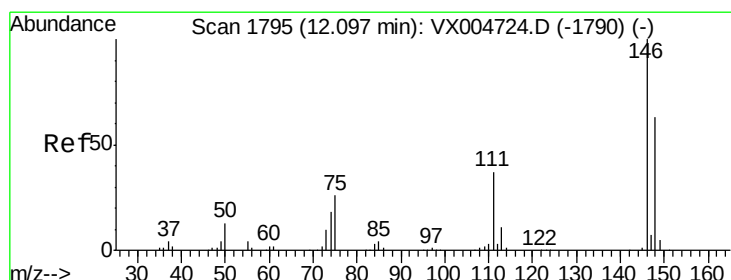
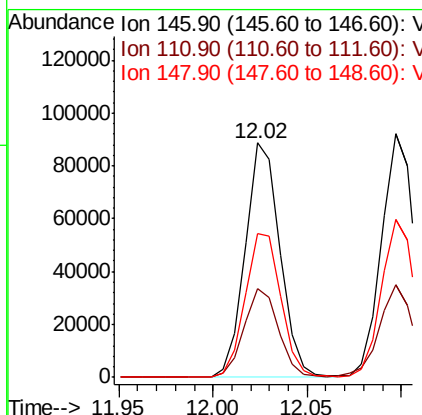
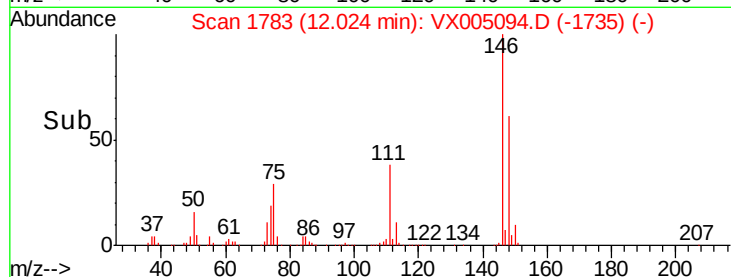
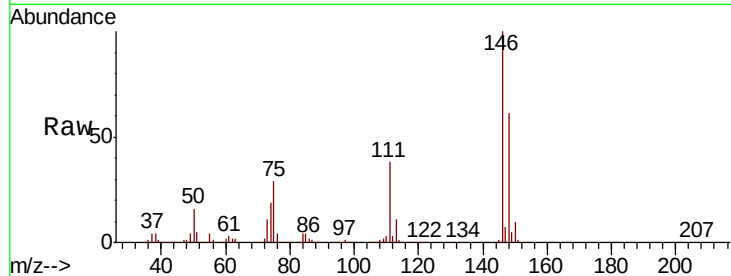
#87
 1,3-Dichlorobenzene
 Concen: 19.898 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.9
148	63.5	31.8	95.3

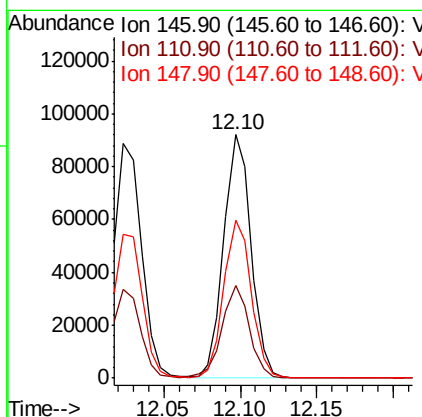
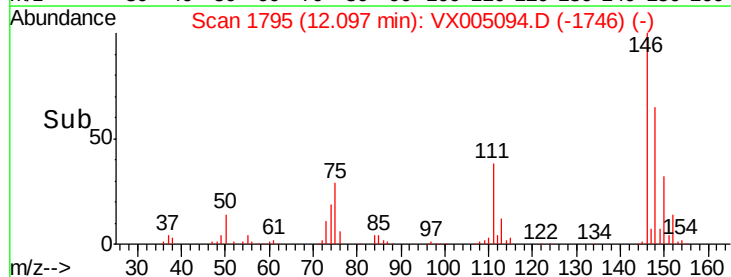
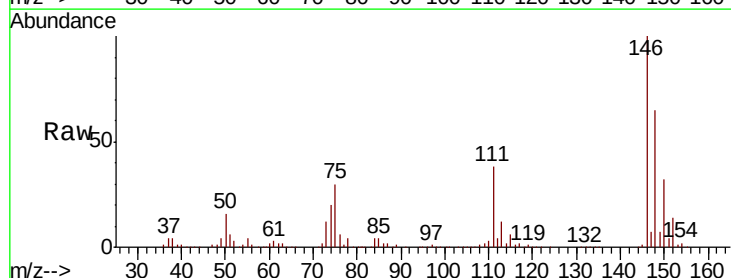
Manual Integrations
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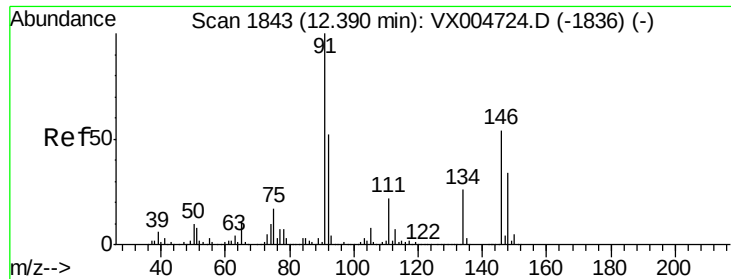
MMDadoda
 10/8/2018 2:02:42 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.452 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.4	55.2
148	65.5	32.0	96.0





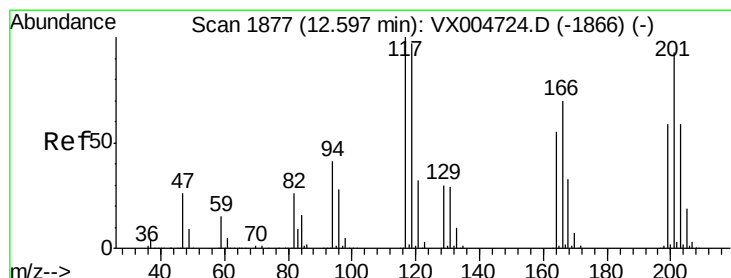
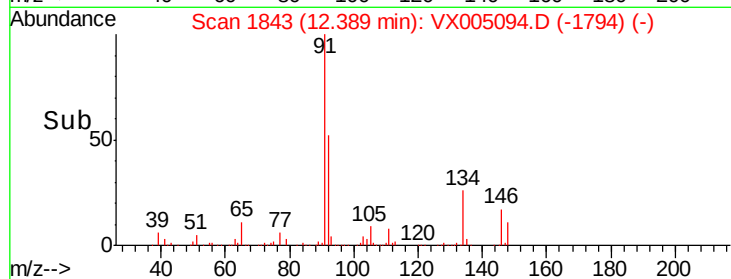
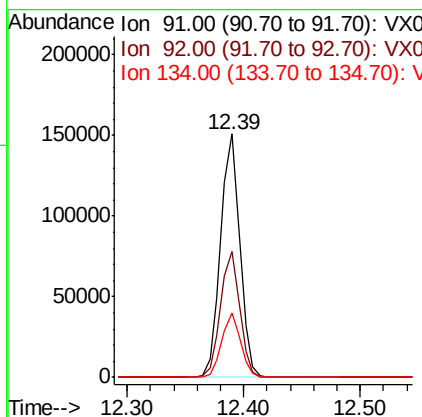
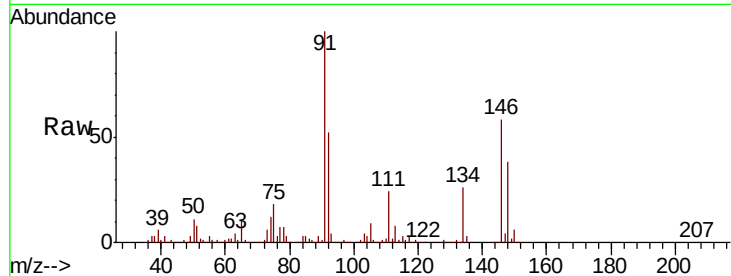
#89
n-Butylbenzene
Concen: 19.923 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.0	78.0
134	26.0	13.2	39.6

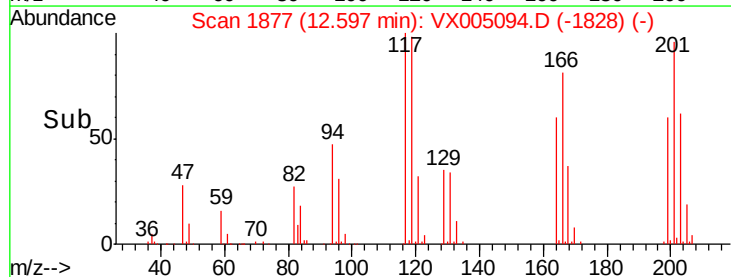
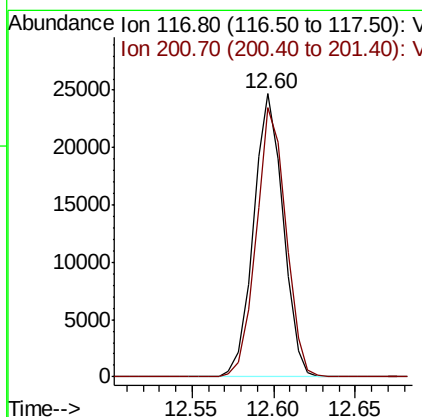
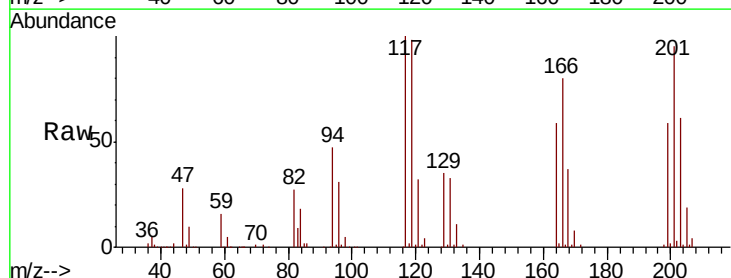
Manual Integrations
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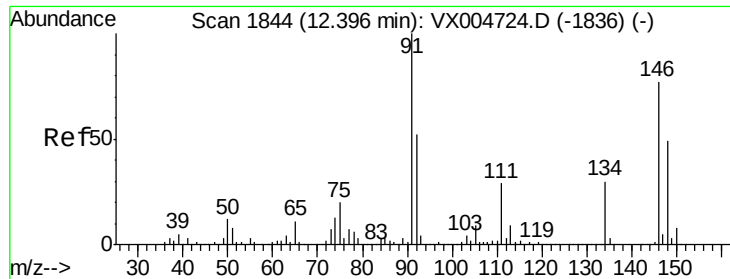
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#90
Hexachloroethane
Concen: 19.597 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.3	48.4	145.0





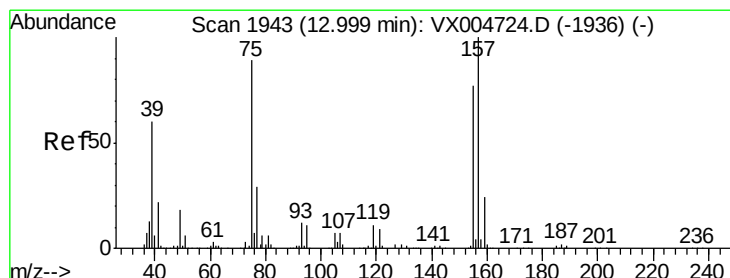
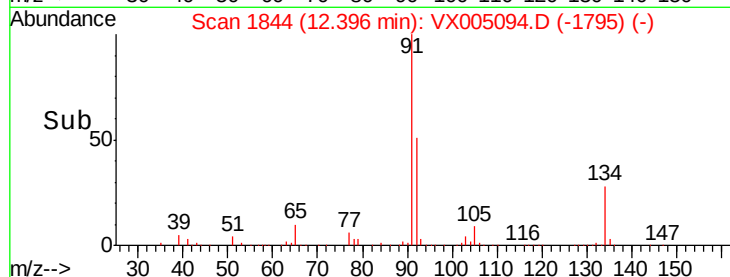
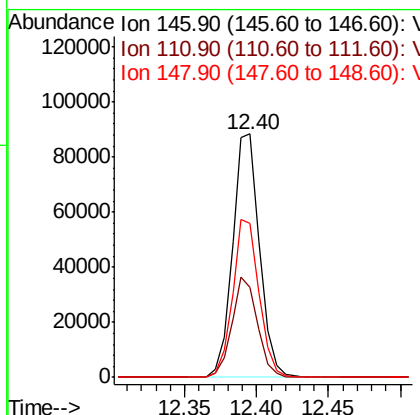
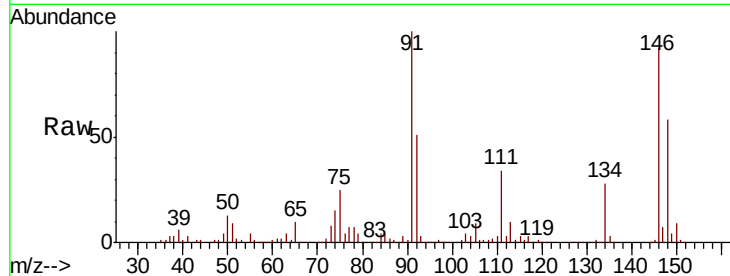
#91
 1,2-Dichlorobenzene
 Concen: 19.353 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.6	58.7
148	63.8	31.8	95.4

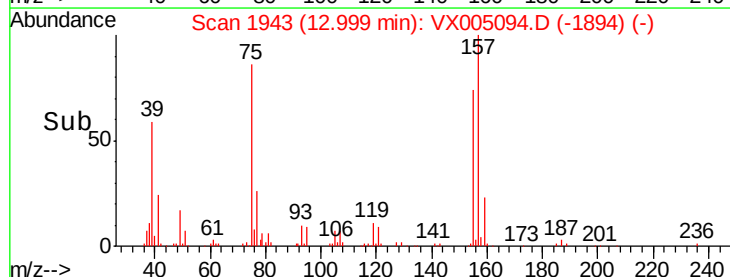
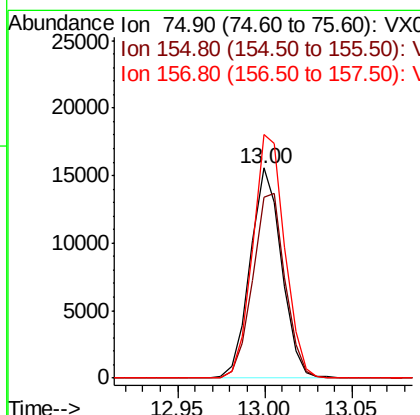
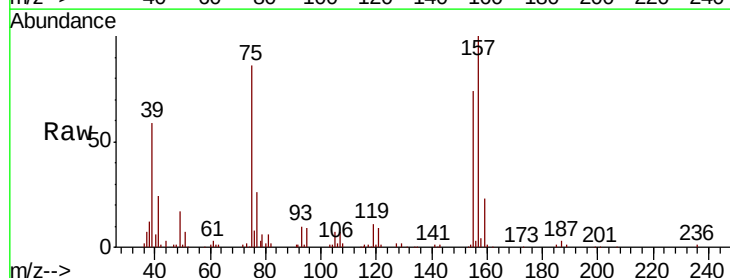
Manual Integrations
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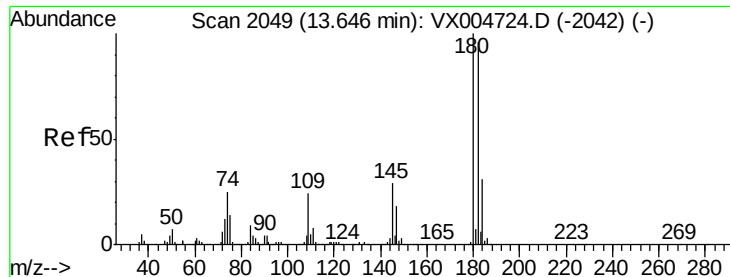
MMDadoda
 10/8/2018 2:02:42 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.694 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.2	46.1	138.3
157	117.9	60.2	180.6





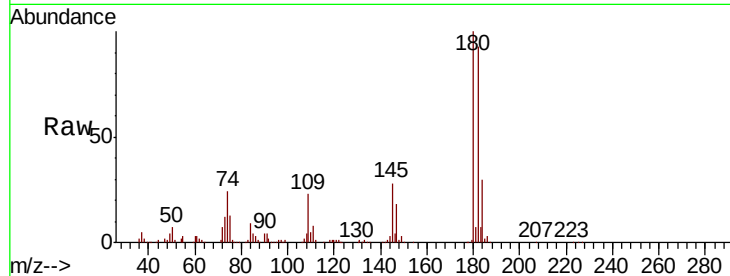
#93
 1,2,4-Trichlorobenzene
 Concen: 20.014 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.6	47.8	143.4	
145	28.4	14.1	42.4	

Manual Integrations
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MMDadoda
 10/8/2018 2:02:42 PM

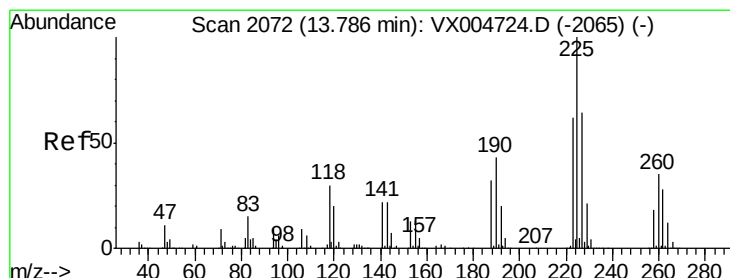
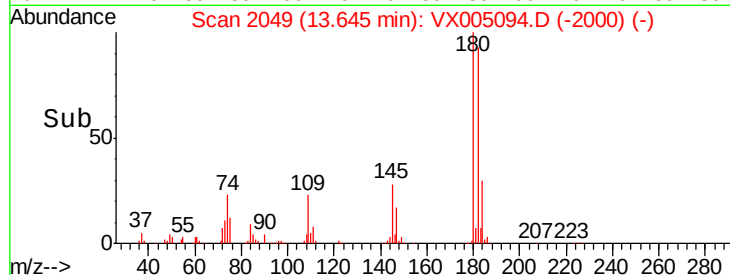
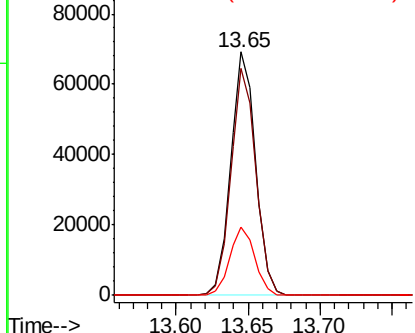


Abundance

Ion 179.80 (179.50 to 180.50): V

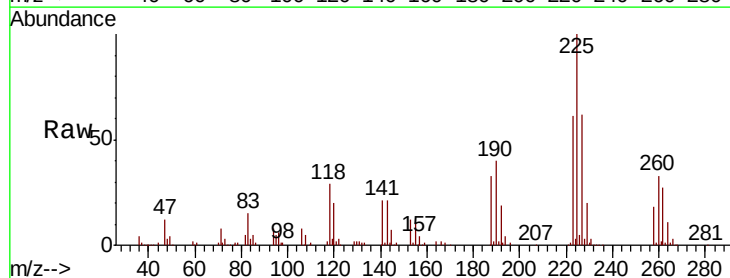
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.755 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.2	31.3	93.8	
227	62.5	31.9	95.5	

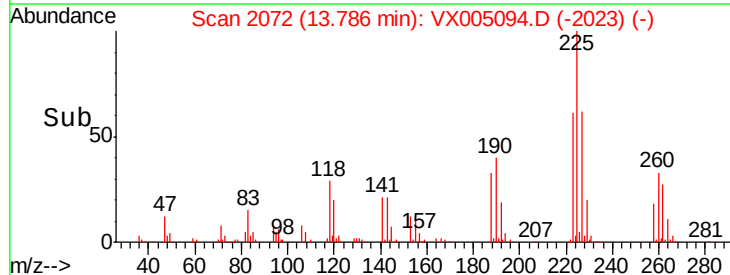
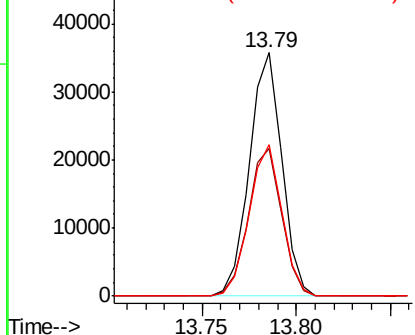


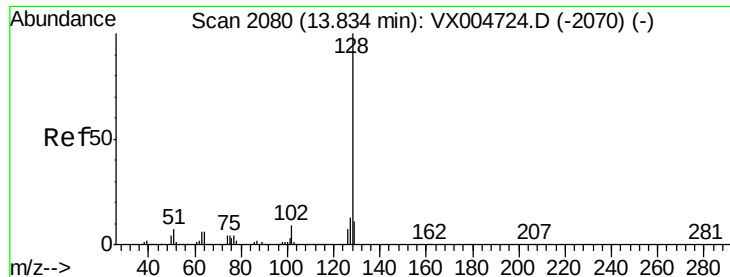
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





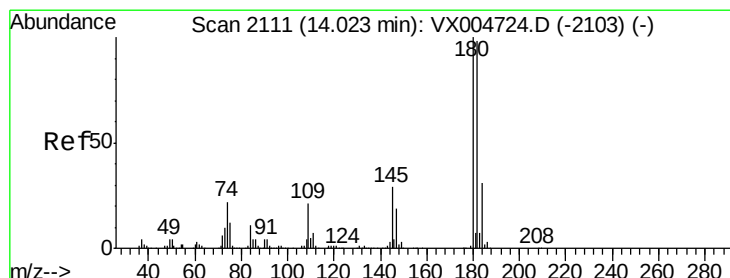
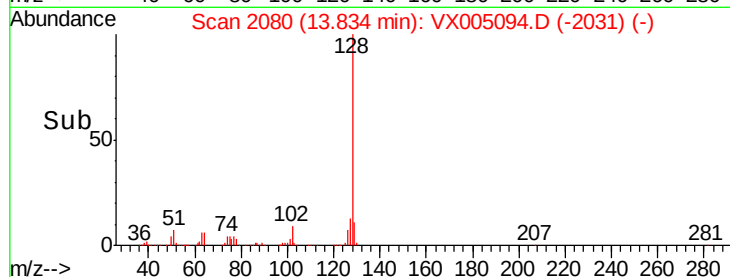
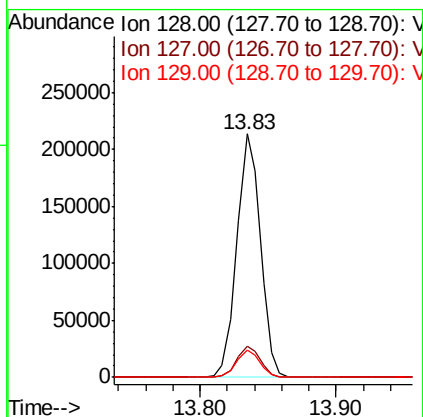
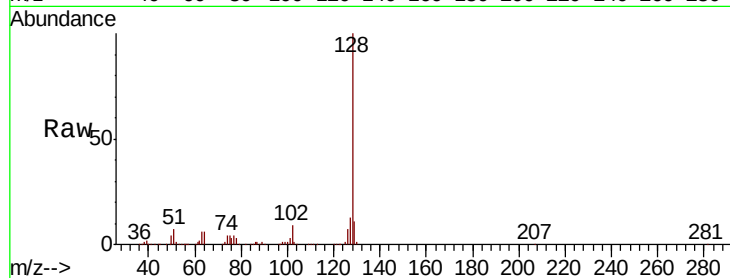
#95
Naphthalene
Concen: 19.037 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	257911		
127	12.9		10.4	15.6
129	11.0		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/8/2018 2:02:42 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.359 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	87935		
182	95.1		47.9	143.8
145	29.4		15.0	45.0

