

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041019\
 Data File : VX008795.D
 Acq On : 10 Apr 2019 09:51
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:48:23 AM

Quant Time: Apr 11 07:10:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	224034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	358712	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	322700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	158059	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	151504	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	
35) Dibromofluoromethane	5.49	113	113571	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
50) Toluene-d8	8.71	98	462746	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
62) 4-Bromofluorobenzene	11.13	95	171605	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	104339	40.460	ug/l	100
3) Chloromethane	1.32	50	141875	44.712	ug/l	100
4) Vinyl Chloride	1.41	62	139928	40.139	ug/l	99
5) Bromomethane	1.64	94	72082	42.277	ug/l	98
6) Chloroethane	1.72	64	84690	44.128	ug/l	99
7) Trichlorofluoromethane	1.93	101	166733	43.267	ug/l	100
8) Diethyl Ether	2.18	74	77402	42.355	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	105213	42.406	ug/l	97
10) Methyl Iodide	2.51	142	110657	49.054	ug/l	99
11) Tert butyl alcohol	3.04	59	157721	206.171	ug/l	100
12) 1,1-Dichloroethene	2.37	96	104194	40.229	ug/l	96
13) Acrolein	2.29	56	58631	154.565	ug/l	99
14) Allyl chloride	2.73	41	259372	43.745	ug/l	99
15) Acrylonitrile	3.14	53	419197	206.845	ug/l	99
16) Acetone	2.44	43	390519	207.493	ug/l	100
17) Carbon Disulfide	2.57	76	317371	42.320	ug/l	100
18) Methyl Acetate	2.77	43	193103	42.305	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	411982	44.541	ug/l	100
20) Methylene Chloride	2.85	84	129567	41.127	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	119693	42.724	ug/l	94
22) Diisopropyl ether	3.85	45	504399	44.137	ug/l	89
23) Vinyl Acetate	3.81	43	2215174	222.818	ug/l	100
24) 1,1-Dichloroethane	3.69	63	247071	43.666	ug/l	99
25) 2-Butanone	4.67	43	651132	218.891	ug/l	99
26) 2,2-Dichloropropane	4.58	77	183094	45.944	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	138728	43.070	ug/l	99
28) Bromochloromethane	5.01	49	138734	59.258	ug/l	99
29) Tetrahydrofuran	5.12	42	407452	206.371	ug/l	99
30) Chloroform	5.20	83	222976	44.122	ug/l	98
31) Cyclohexane	5.57	56	242965	43.035	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	183188	44.857	ug/l	99
36) 1,1-Dichloropropene	5.79	75	177951	45.383	ug/l	100
37) Ethyl Acetate	4.82	43	234309	44.768	ug/l	100
38) Carbon Tetrachloride	5.78	117	153826	47.399	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227045	46.873	ug/l	99
40) Benzene	6.14	78	529416	45.321	ug/l	100
41) Methacrylonitrile	5.04	41	133231	44.286	ug/l	100
42) 1,2-Dichloroethane	6.18	62	187113	44.681	ug/l	99
43) Isopropyl Acetate	6.44	43	378564	46.173	ug/l	100
44) Trichloroethene	7.21	130	127503	46.865	ug/l	98
45) 1,2-Dichloropropane	7.51	63	151088	45.315	ug/l	99
46) Dibromomethane	7.66	93	85510	44.220	ug/l	98
47) Bromodichloromethane	7.89	83	174776	47.935	ug/l	98
48) Methyl methacrylate	7.76	41	190606	45.958	ug/l	100
49) 1,4-Dioxane	7.74	88	67223	865.252	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1208424	228.961	ug/l	100
52) Toluene	8.78	92	323803	47.018	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	205603	50.341	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	227018	48.645	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	128381	46.441	ug/l	97
56) Ethyl methacrylate	9.17	69	240038	47.991	ug/l	99
57) 1,3-Dichloropropane	9.37	76	229651	46.264	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	592236	231.889	ug/l	99
59) 2-Hexanone	9.49	43	940695	229.344	ug/l	100
60) Dibromochloromethane	9.58	129	129508	49.716	ug/l	100
61) 1,2-Dibromoethane	9.67	107	133015	46.220	ug/l	99
64) Tetrachloroethene	9.34	164	115169	48.170	ug/l	99
65) Chlorobenzene	10.13	112	332554	46.490	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	118607	47.263	ug/l	99
67) Ethyl Benzene	10.25	91	628283	47.103	ug/l	99
68) m/p-Xylenes	10.35	106	455843	95.049	ug/l	98
69) o-Xylene	10.69	106	216944	46.677	ug/l	99
70) Styrene	10.71	104	386995	48.304	ug/l	100
71) Bromoform	10.85	173	96221	50.204	ug/l #	99
73) Isopropylbenzene	11.02	105	587952	44.886	ug/l	100
74) N-amyl acetate	10.90	43	334433	43.396	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	203888	40.928	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	181925m	41.899	ug/l	
77) Bromobenzene	11.25	156	142998	45.411	ug/l	98
78) n-propylbenzene	11.36	91	706617	46.330	ug/l	100
79) 2-Chlorotoluene	11.42	91	406987	44.095	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	500175	45.490	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	74338	47.194	ug/l	97
82) 4-Chlorotoluene	11.51	91	477002	44.648	ug/l	98
83) tert-Butylbenzene	11.77	119	475739	44.973	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	504486	45.312	ug/l	98
85) sec-Butylbenzene	11.94	105	588408	46.828	ug/l	99
86) p-Isopropyltoluene	12.06	119	534767	47.418	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	257821	45.734	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	257091	45.037	ug/l	100
89) n-Butylbenzene	12.38	91	521822	49.338	ug/l	99
90) Hexachloroethane	12.60	117	88818	47.483	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	249122	44.508	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44356	40.475	ug/l	99

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ClientSampleId :
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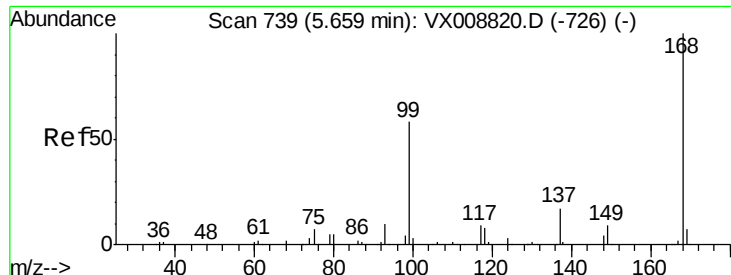
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	183921	47.260	ug/l	98
94) Hexachlorobutadiene	13.78	225	92578	49.603	ug/l	100
95) Naphthalene	13.83	128	568440	43.703	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	178543	45.918	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: VX008795.D

Acq: 10 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 224034

Ion Ratio Lower Upper

168 100

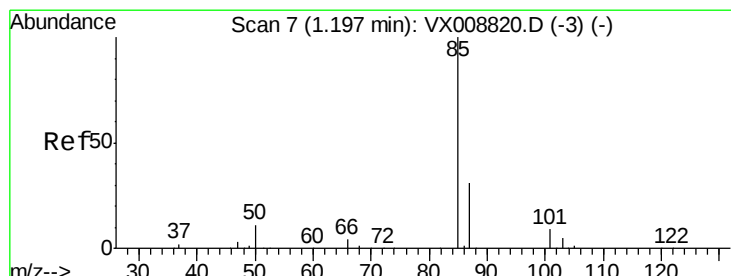
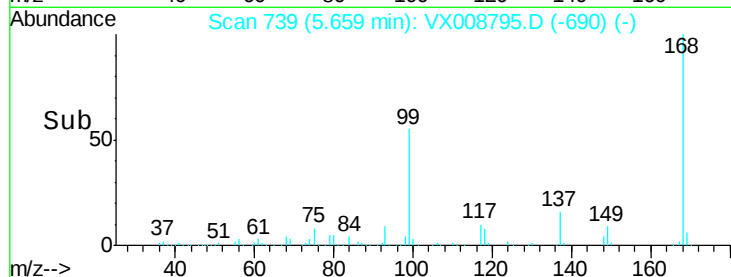
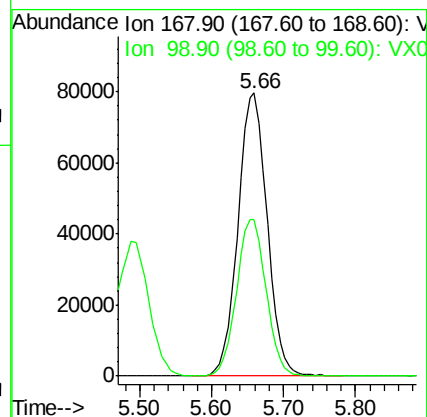
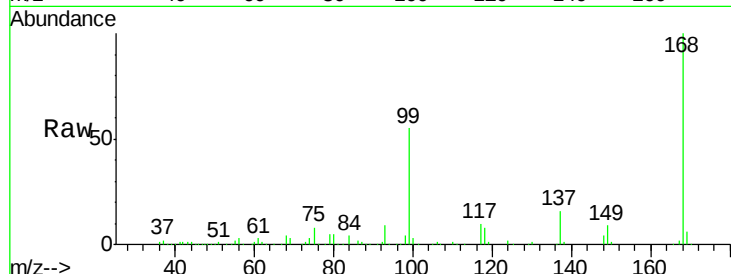
99 55.1 46.7 70.1

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#2

Dichlorodifluoromethane

Concen: 40.460 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008795.D

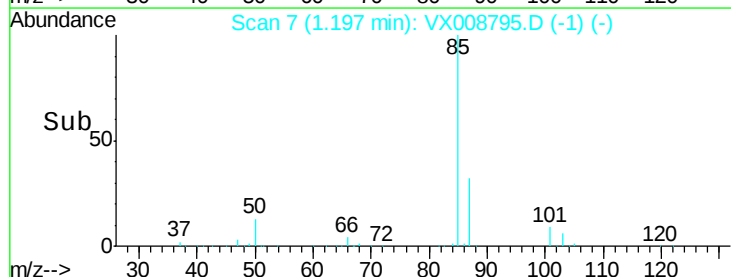
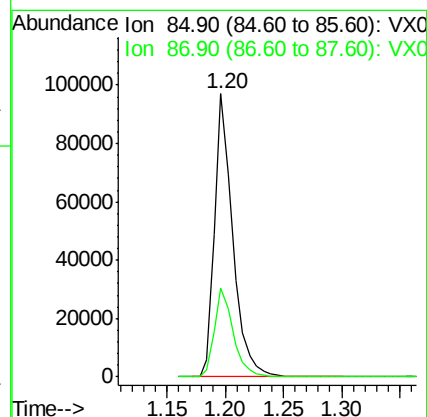
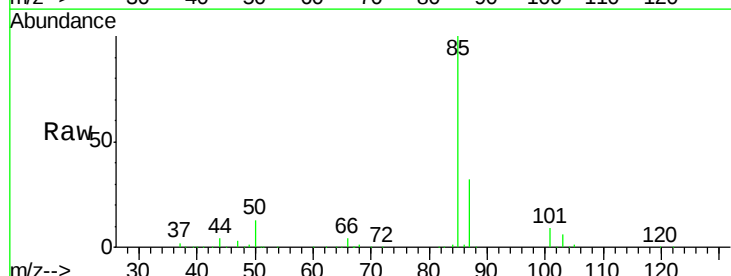
Acq: 10 Apr 2019 09:51

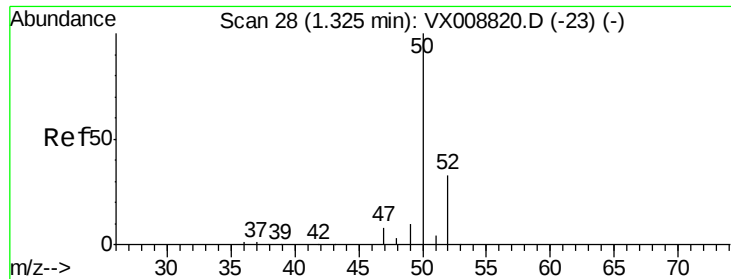
Tgt Ion: 85 Resp: 104339

Ion Ratio Lower Upper

85 100

87 31.5 15.8 47.3





#3

Chloromethane

Concen: 44.712 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 50 Resp: 141875

Ion Ratio Lower Upper

50 100

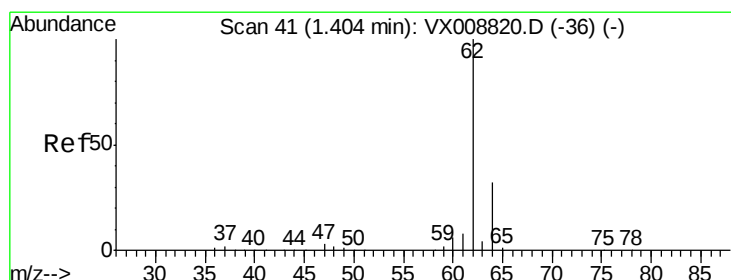
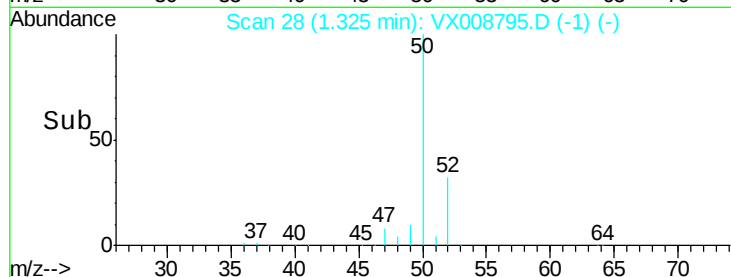
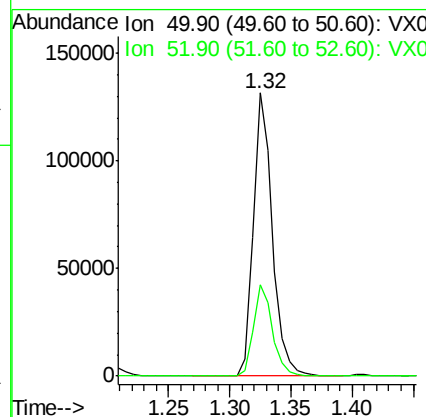
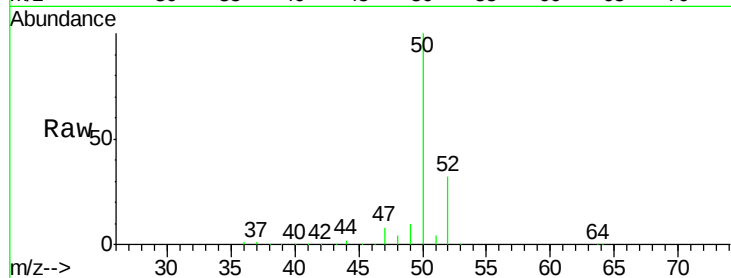
52 32.2 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 40.139 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008795.D

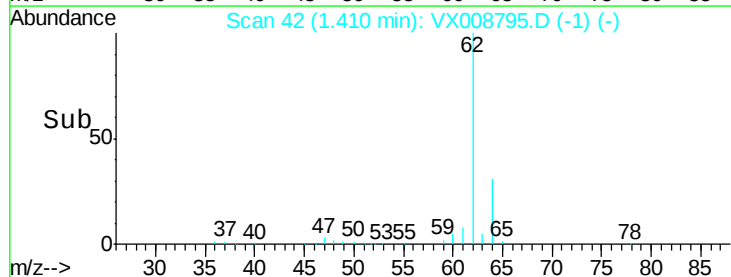
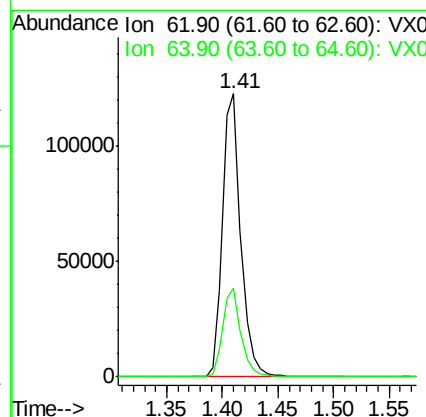
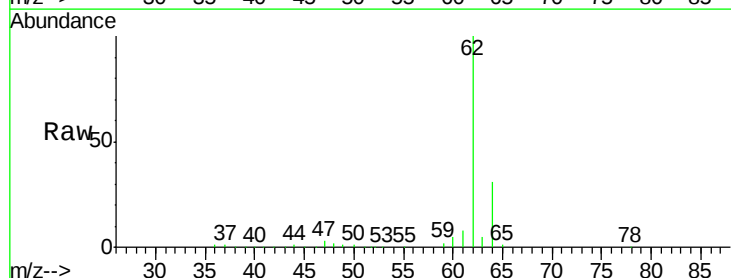
Acq: 10 Apr 2019 09:51

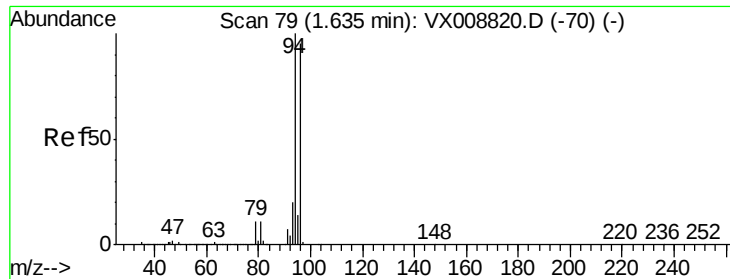
Tgt Ion: 62 Resp: 139928

Ion Ratio Lower Upper

62 100

64 31.3 24.7 37.1





#5

Bromomethane

Concen: 42.277 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 72082

Ion Ratio Lower Upper

94 100

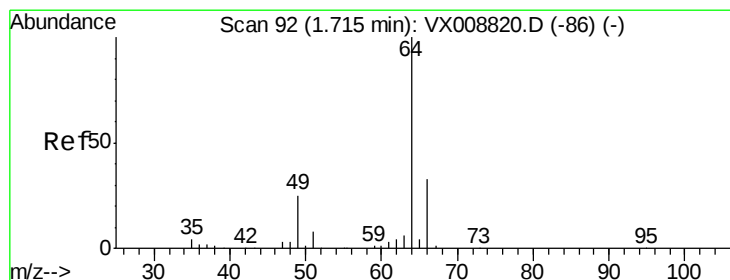
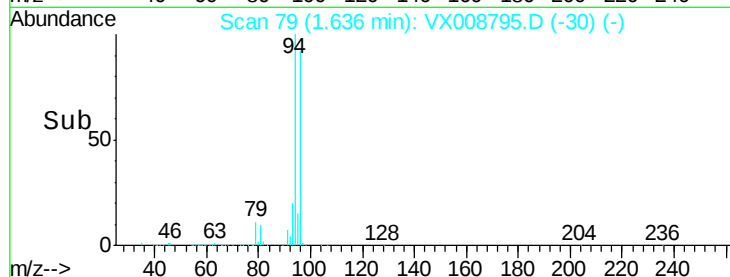
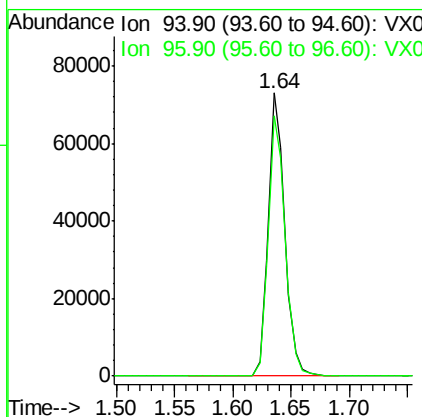
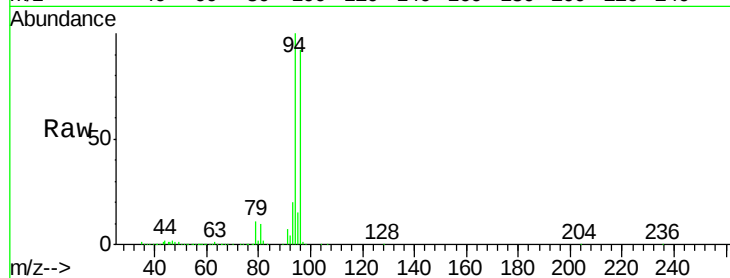
96 92.0 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 44.128 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008795.D

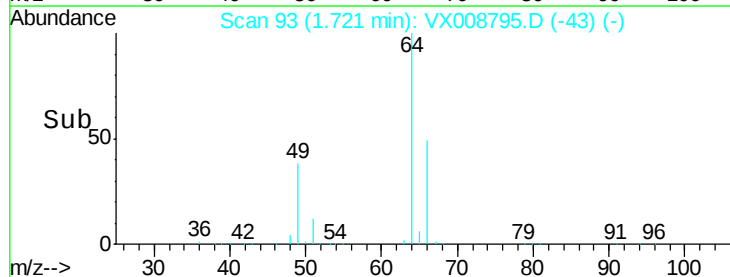
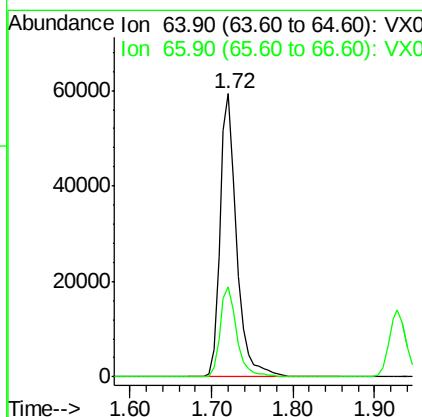
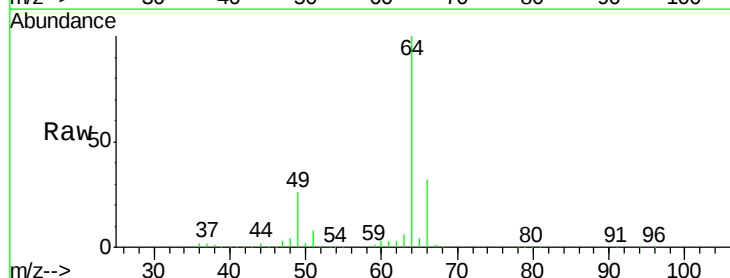
Acq: 10 Apr 2019 09:51

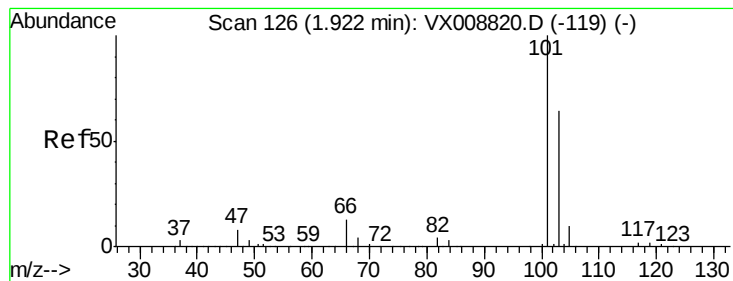
Tgt Ion: 64 Resp: 84690

Ion Ratio Lower Upper

64 100

66 32.1 25.4 38.0





#7

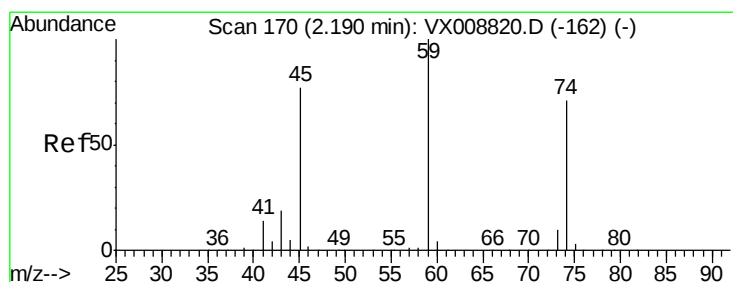
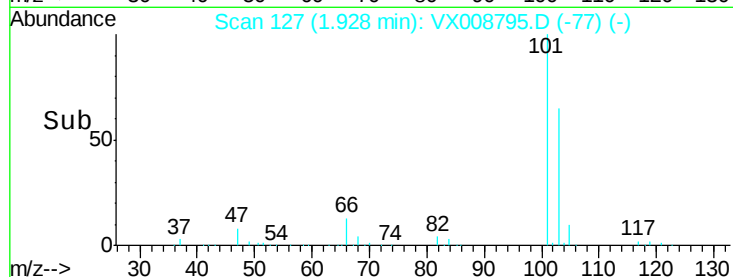
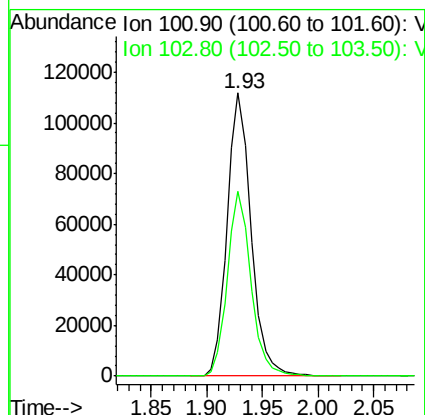
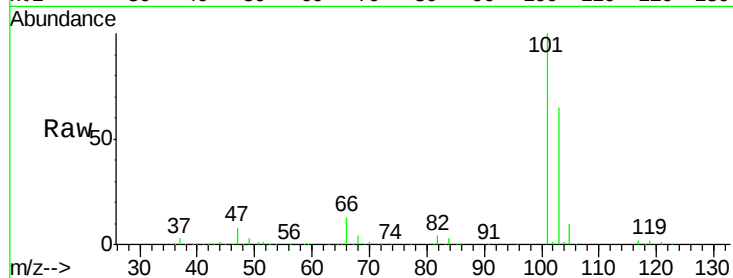
Trichlorofluoromethane
Concen: 43.267 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 166733
Ion Ratio Lower Upper
101 100
103 65.2 52.3 78.5

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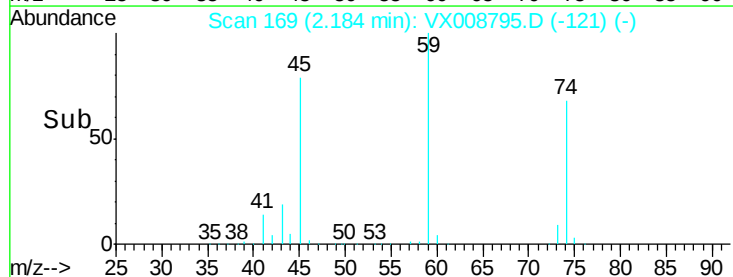
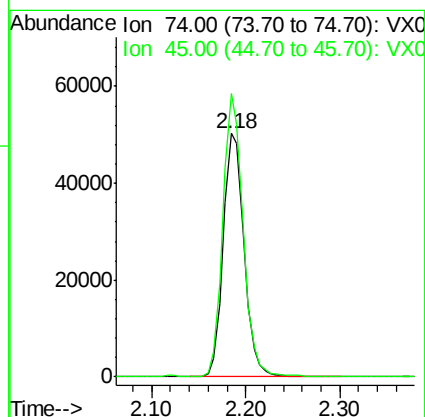
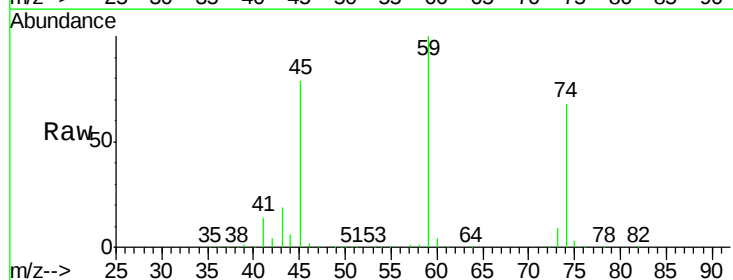
MMDadoda
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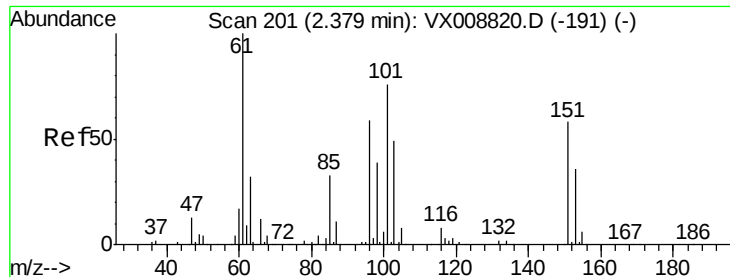


#8

Diethyl Ether
Concen: 42.355 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Tgt Ion: 74 Resp: 77402
Ion Ratio Lower Upper
74 100
45 112.0 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.406 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

Instrument :

MSVOA_X

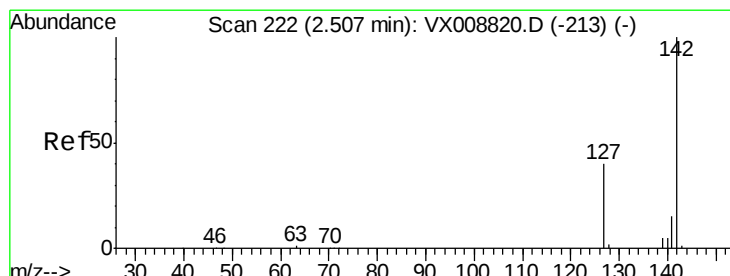
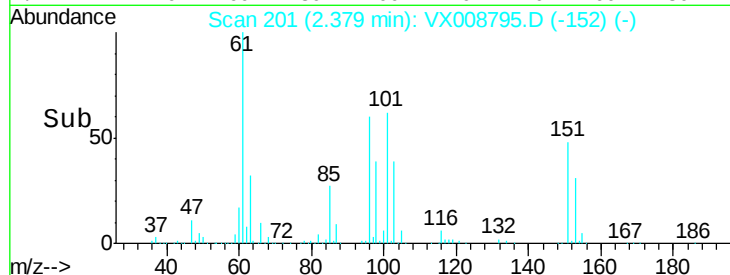
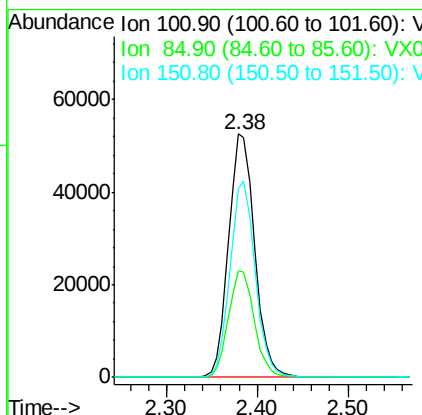
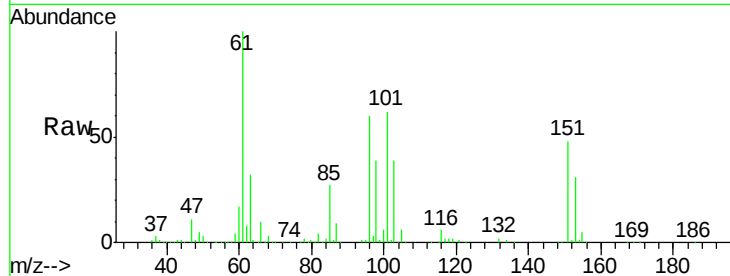
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	105213
Ion Ratio	Lower	Upper	
101	100		
85	43.4	36.0	54.0
151	78.1	59.9	89.9

Manual Integrations
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#10

Methyl Iodide

Concen: 49.054 ug/l

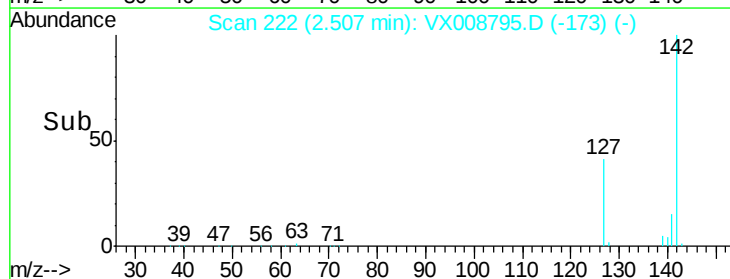
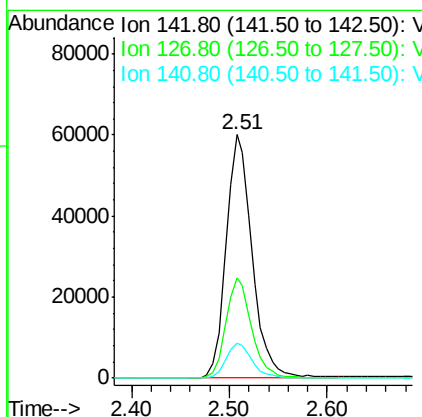
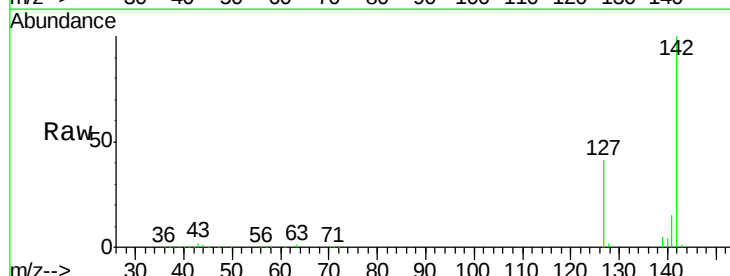
RT: 2.51 min Scan# 222

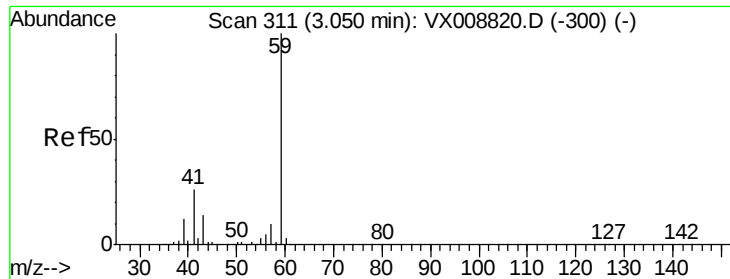
Delta R.T. 0.00 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

Tgt Ion:	142	Resp:	110657
Ion Ratio	Lower	Upper	
142	100		
127	40.9	33.0	49.6
141	14.4	11.4	17.2





#11

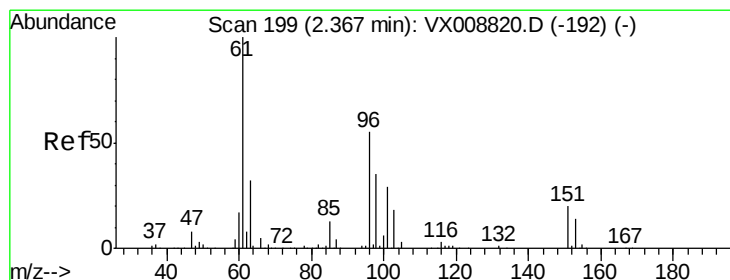
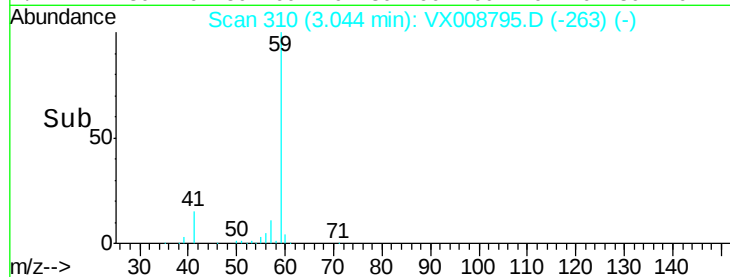
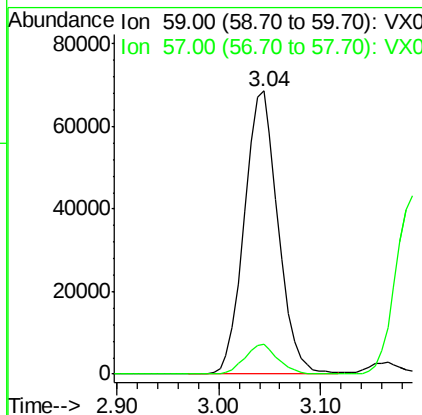
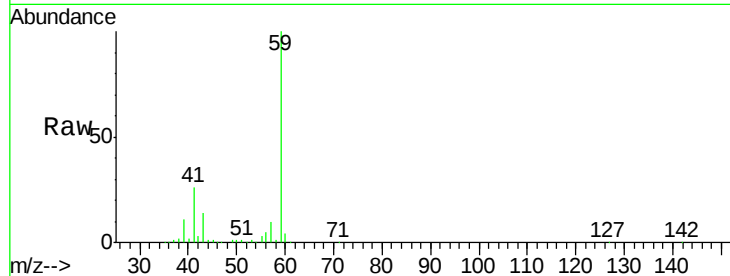
Tert butyl alcohol
 Concen: 206.171 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX008795.D
 Acq: 10 Apr 2019 09:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5

Manual Integrations
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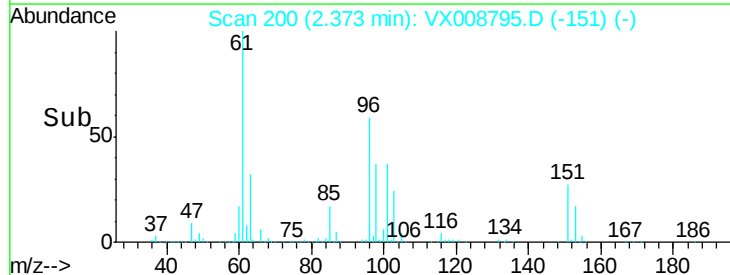
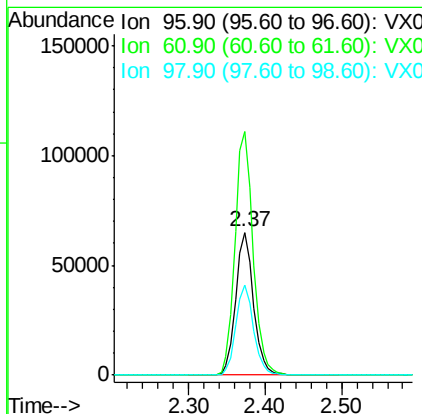
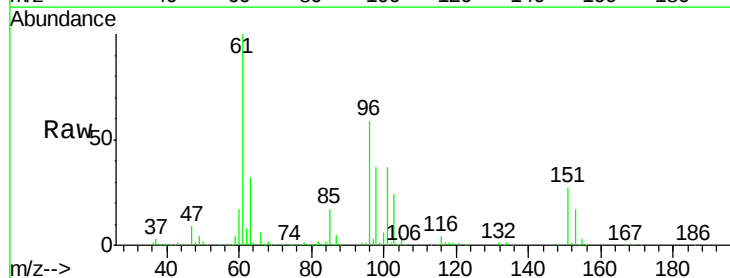
MMDadoda
 4/11/2019 11:48:23 AM

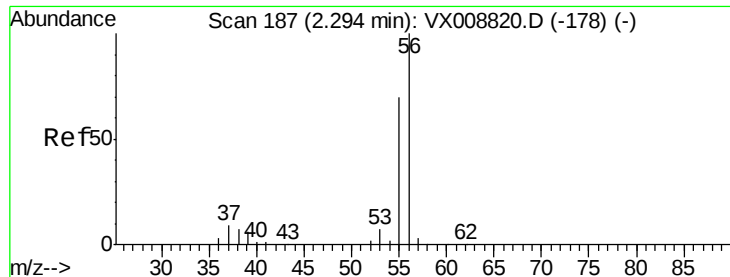


#12

1,1-Dichloroethene
 Concen: 40.229 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008795.D
 Acq: 10 Apr 2019 09:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.6	140.9	211.3
98	63.1	52.1	78.1





#13

Acrolein

Concen: 154.565 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 58631

Ion Ratio Lower Upper

56 100

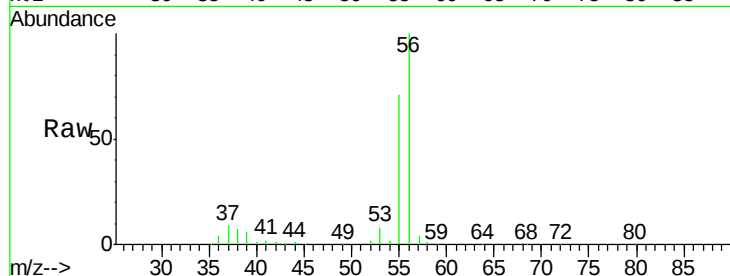
55 71.9 58.0 87.0

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

40000

30000

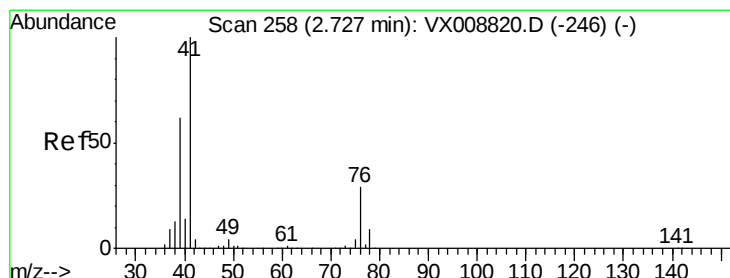
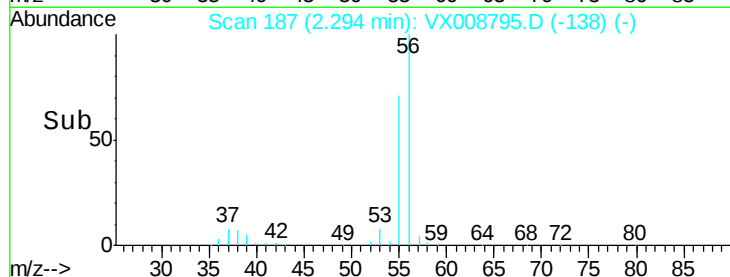
20000

10000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 43.745 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

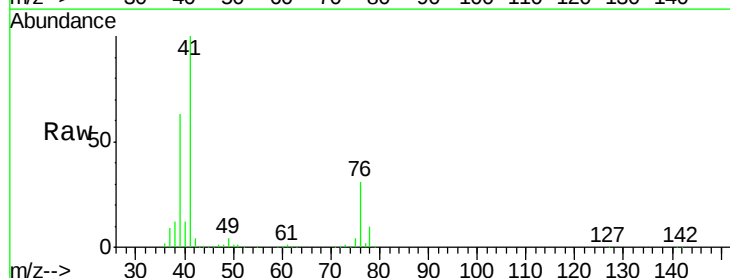
Tgt Ion: 41 Resp: 259372

Ion Ratio Lower Upper

41 100

39 58.6 48.0 72.0

76 27.4 22.0 33.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

200000

150000

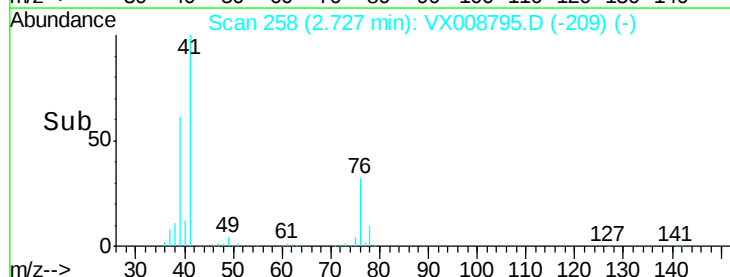
100000

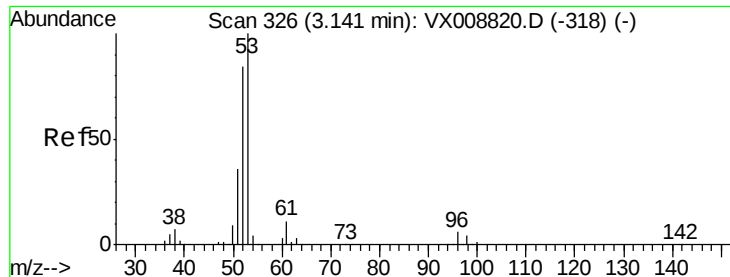
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 206.845 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

Instrument :

MSVOA_X

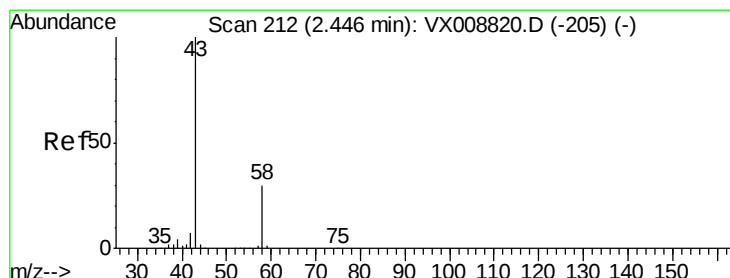
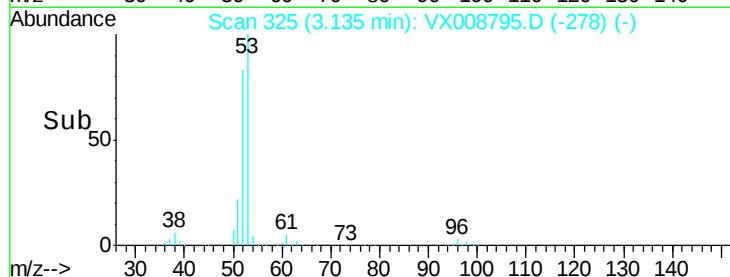
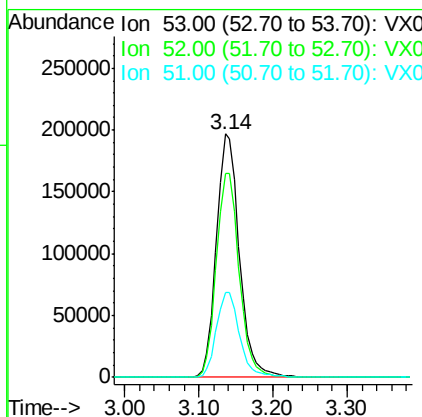
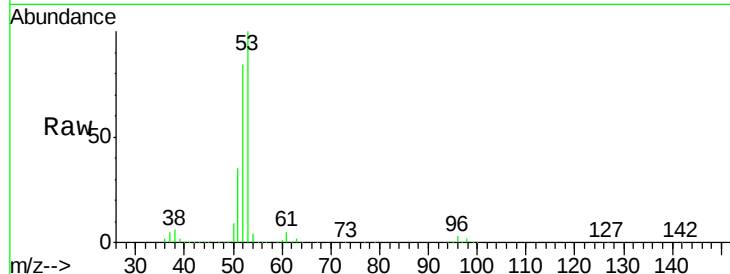
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	419197
Ion Ratio	Lower	Upper	
53	100		
52	83.8	66.5	99.7
51	35.5	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 207.493 ug/l

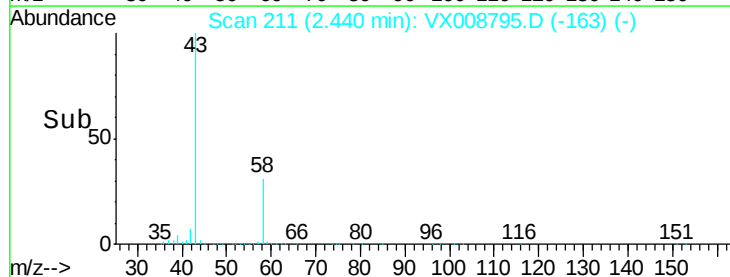
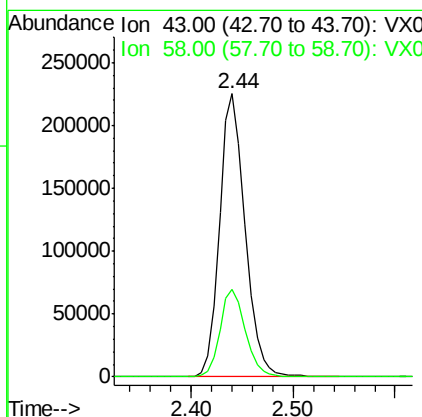
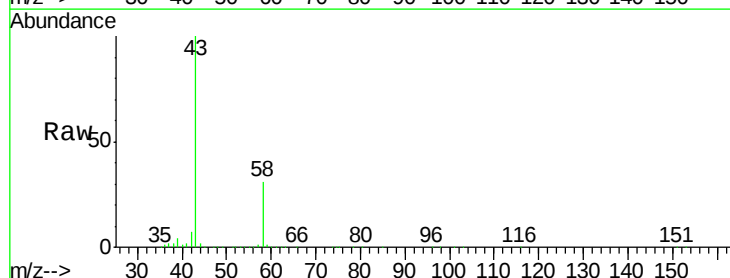
RT: 2.44 min Scan# 211

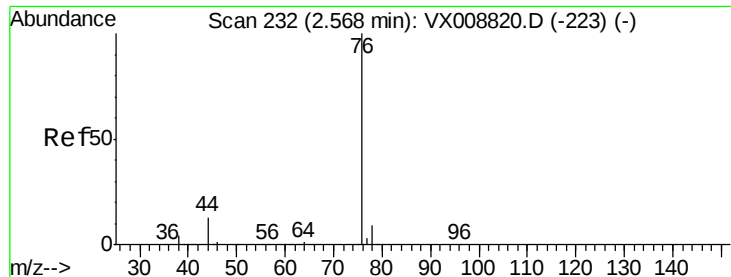
Delta R.T. -0.01 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

Tgt Ion:	43	Resp:	390519
Ion Ratio	Lower	Upper	
43	100		
58	31.1	24.8	37.2





#17

Carbon Disulfide

Concen: 42.320 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 317371

Ion Ratio Lower Upper

76 100

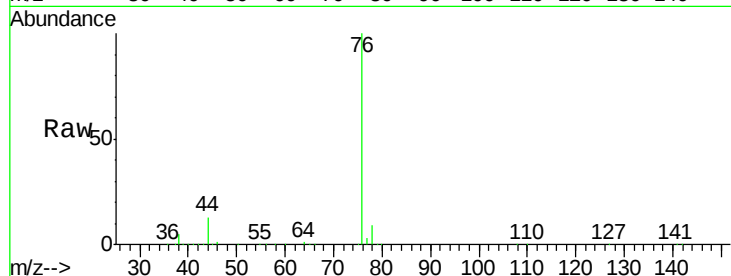
78 9.0 7.1 10.7

Manual Integrations

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4/11/2019 11:48:23 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

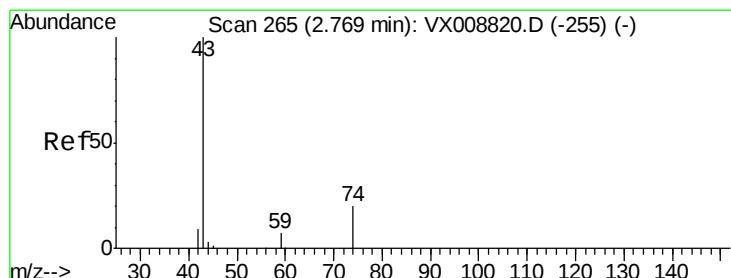
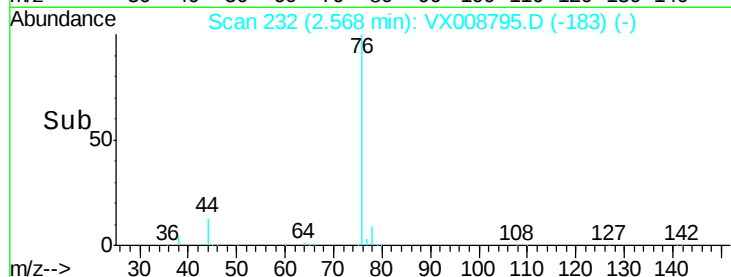
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 42.305 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX008795.D

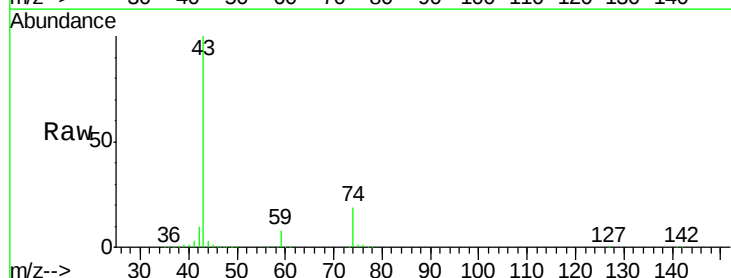
Acq: 10 Apr 2019 09:51

Tgt Ion: 43 Resp: 193103

Ion Ratio Lower Upper

43 100

74 20.0 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.77

120000

100000

80000

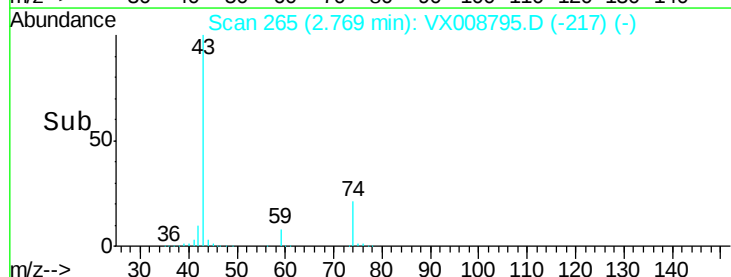
60000

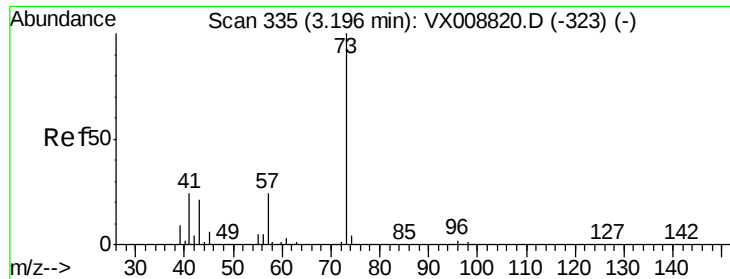
40000

20000

0

Time-->





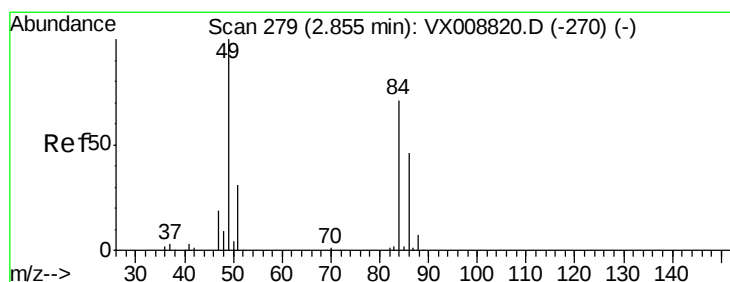
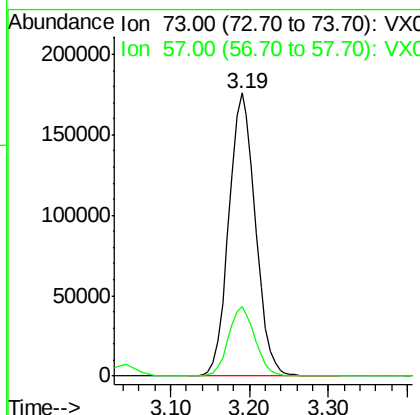
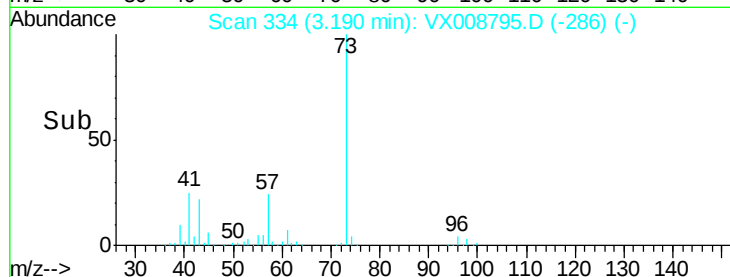
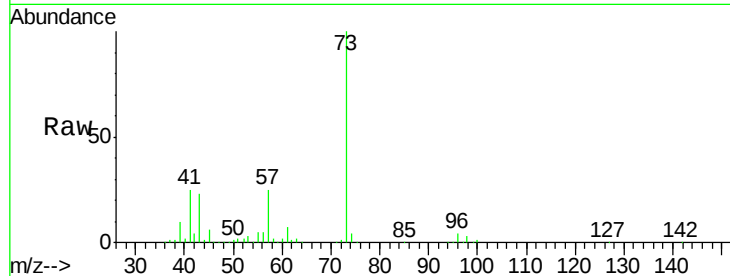
#19
Methyl tert-butyl Ether
Concen: 44.541 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 411982
Ion Ratio Lower Upper
73 100
57 24.5 19.5 29.3

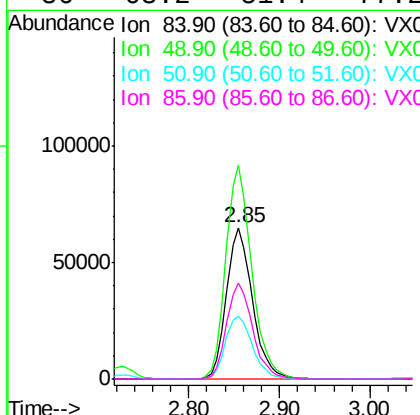
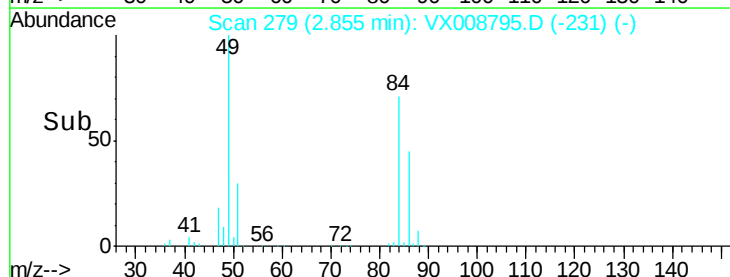
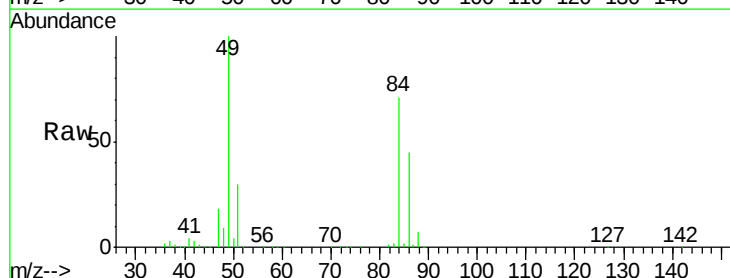
Manual Integrations
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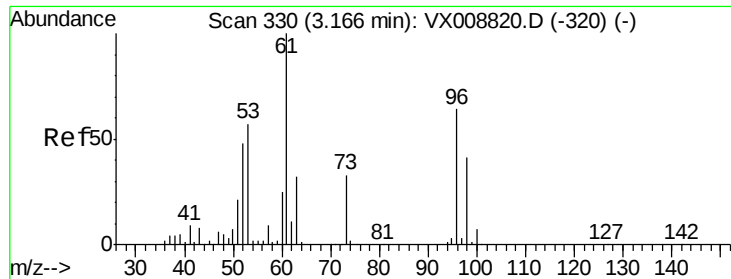
MMDadoda
4/11/2019 11:48:23 AM



#20
Methylene Chloride
Concen: 41.127 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Tgt Ion: 84 Resp: 129567
Ion Ratio Lower Upper
84 100
49 141.3 109.7 164.5
51 41.7 33.6 50.4
86 63.2 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 42.724 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 119693

Ion Ratio Lower Upper

96 100

61 155.0 132.1 198.1

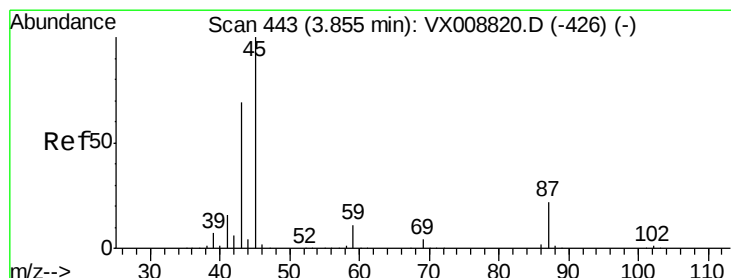
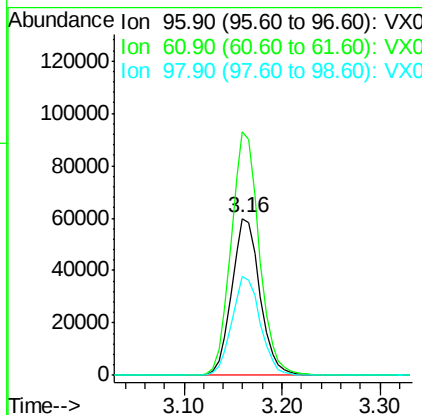
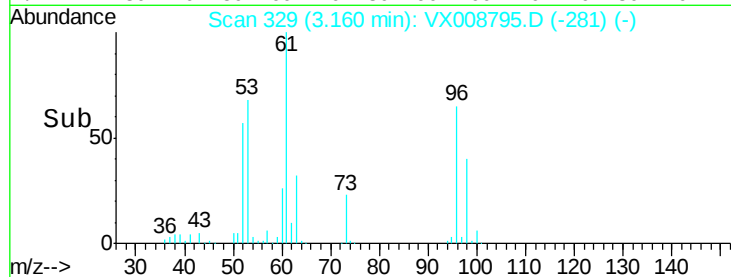
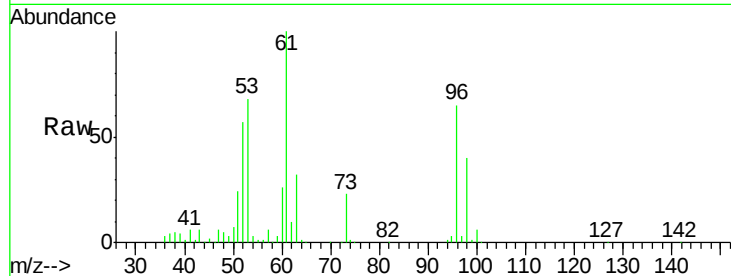
98 62.8 52.2 78.2

Manual Integrations

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4/11/2019 11:48:23 AM



#22

Diisopropyl ether

Concen: 44.137 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

Tgt Ion: 45 Resp: 504399

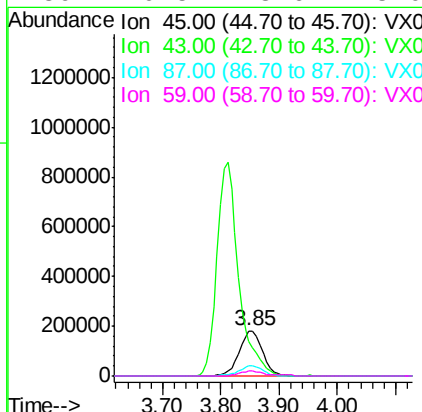
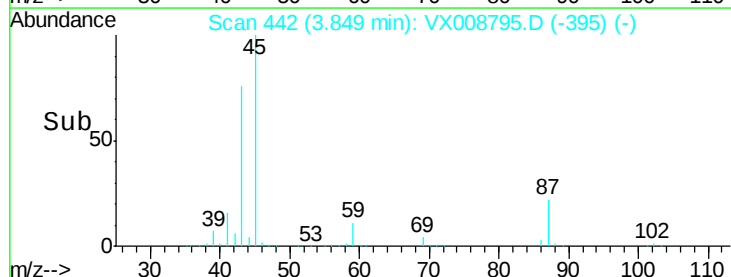
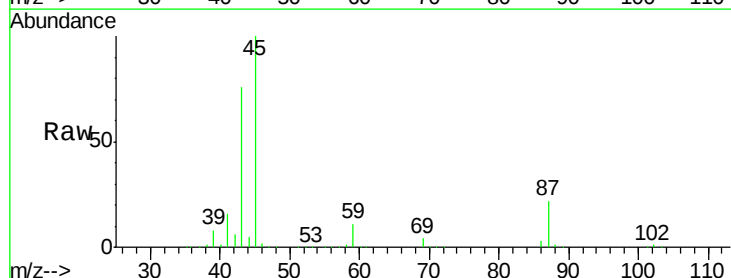
Ion Ratio Lower Upper

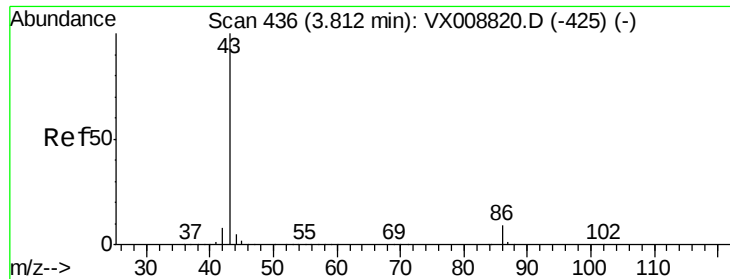
45 100

43 76.1 51.3 76.9

87 21.8 18.1 27.1

59 10.5 8.6 13.0





#23

Vinyl Acetate

Concen: 222.818 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2215174

Ion Ratio Lower Upper

43 100

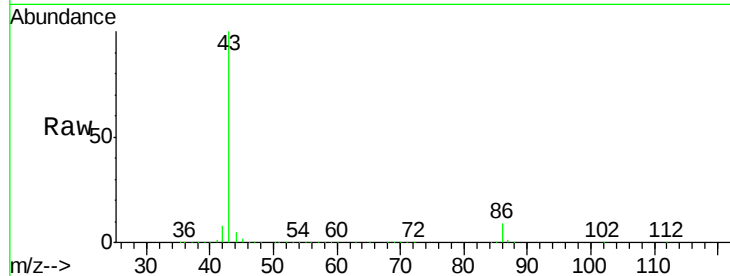
86 8.7 7.0 10.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1000000

800000

600000

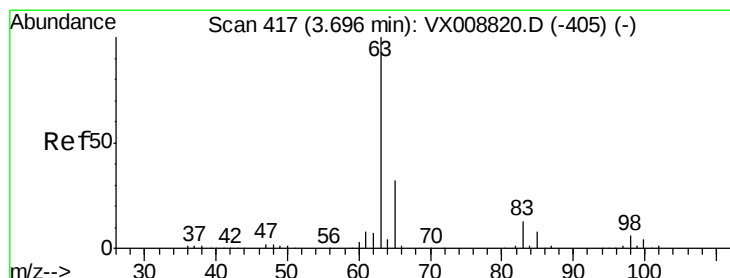
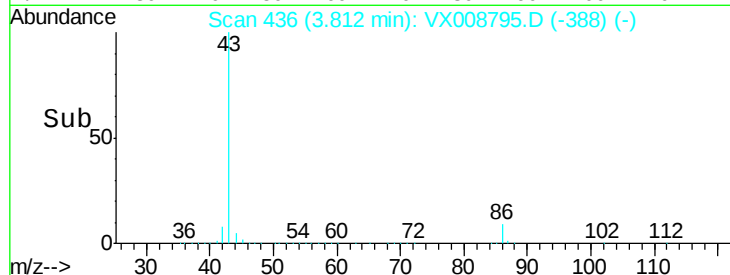
400000

200000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 43.666 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

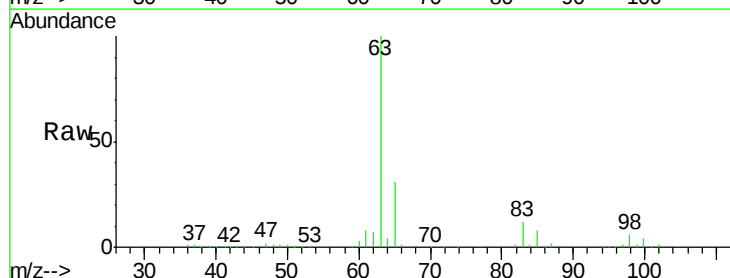
Tgt Ion: 63 Resp: 247071

Ion Ratio Lower Upper

63 100

98 6.1 2.8 8.4

100 3.9 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

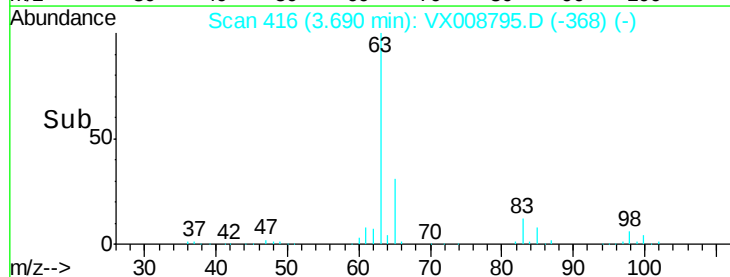
100000

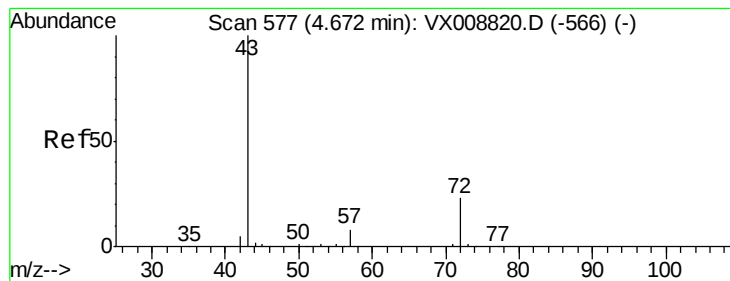
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 218.891 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 651132

Ion Ratio Lower Upper

43 100

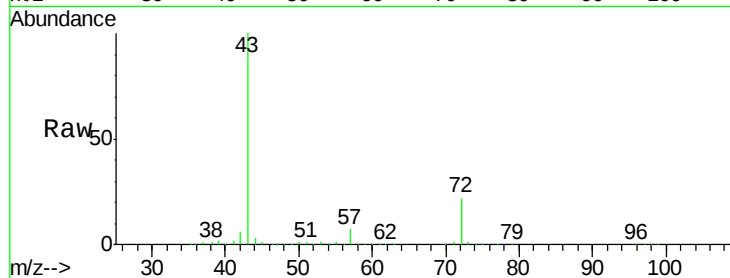
72 22.4 18.2 27.4

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

250000

200000

150000

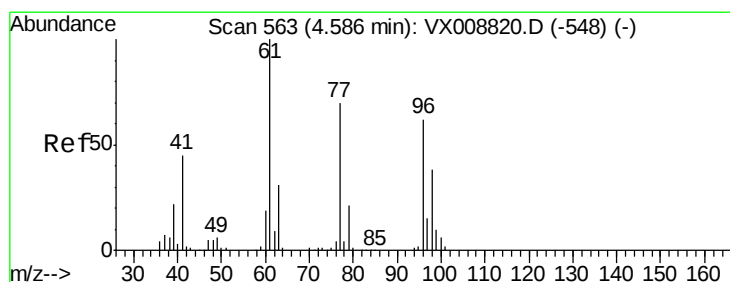
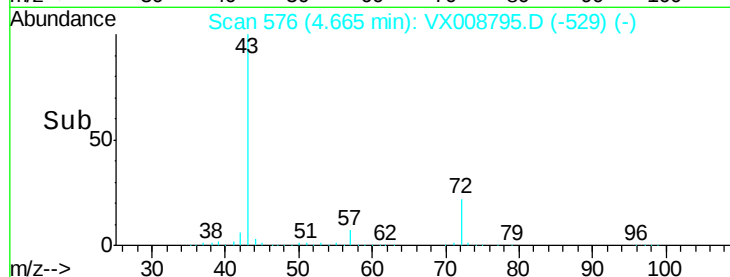
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 45.944 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008795.D

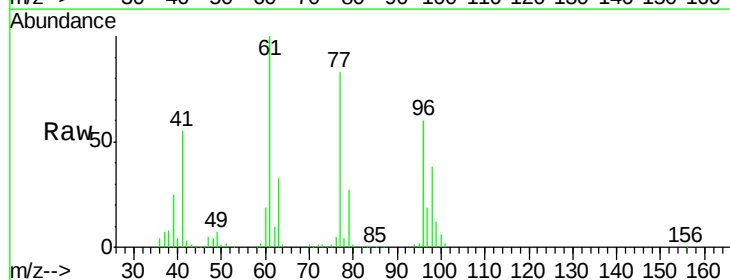
Acq: 10 Apr 2019 09:51

Tgt Ion: 77 Resp: 183094

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

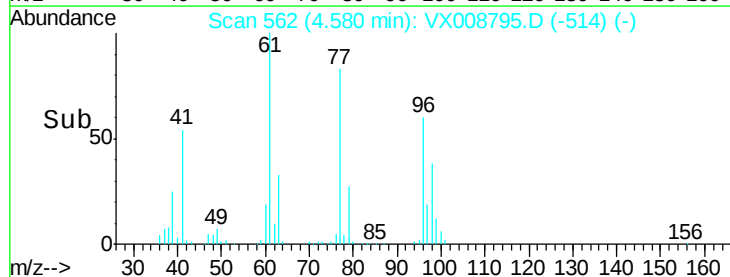
40000

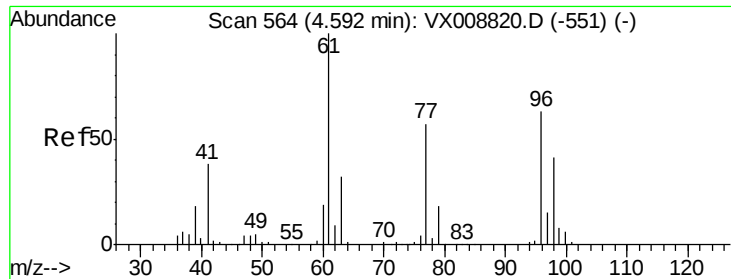
20000

0

4.40 4.50 4.60 4.70

Time-->





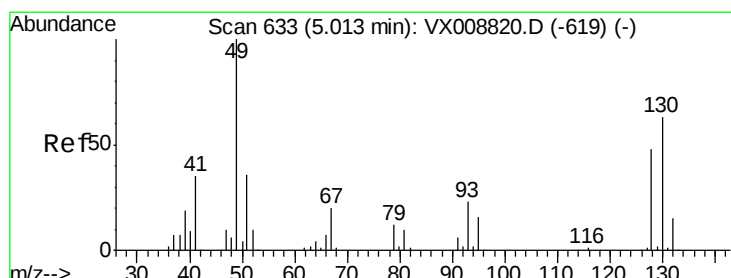
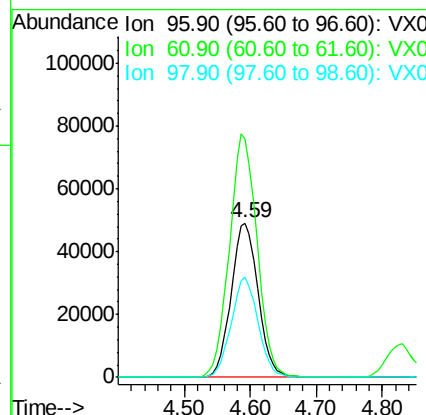
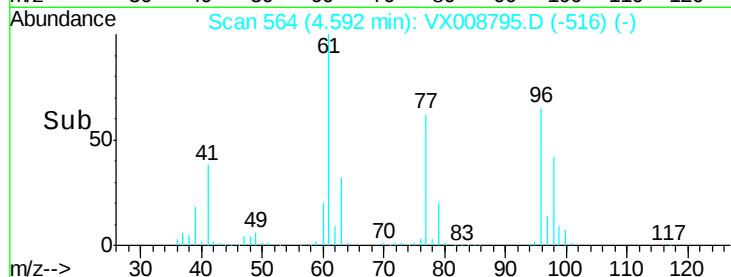
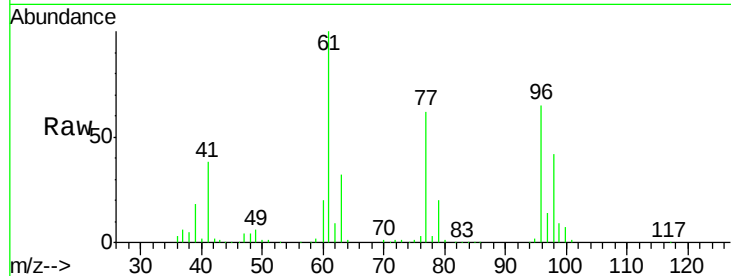
#27
 cis-1,2-Dichloroethene
 Concen: 43.070 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX008795.D
 Acq: 10 Apr 2019 09:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	161.7	0.0	327.6
98	64.2	0.0	128.6

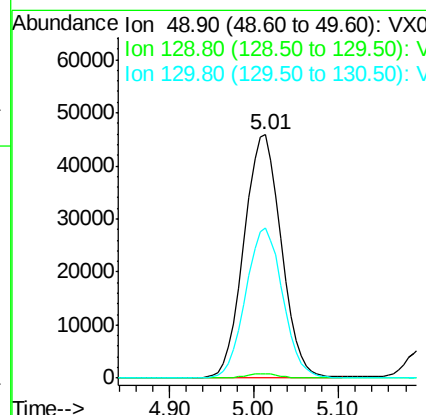
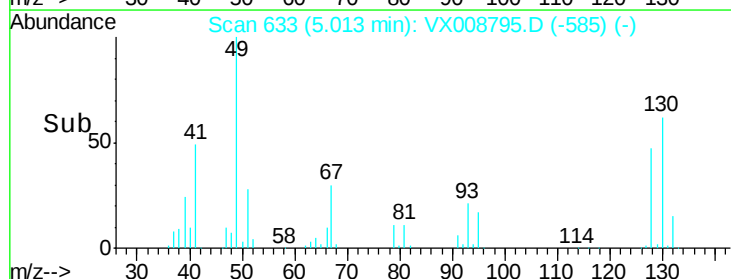
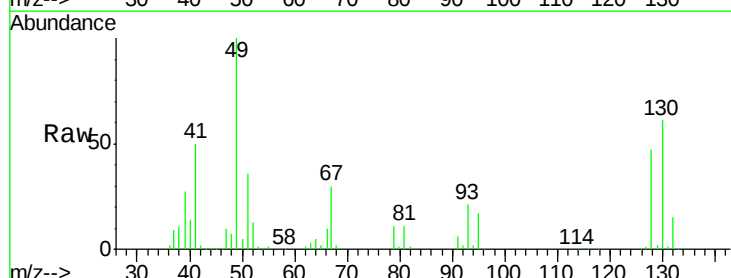
Manual Integrations
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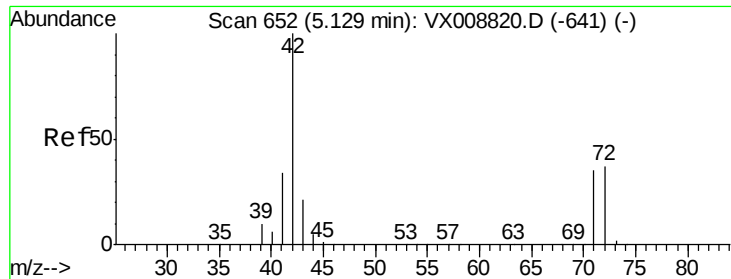
MMDadoda
 4/11/2019 11:48:23 AM



#28
 Bromochloromethane
 Concen: 59.258 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX008795.D
 Acq: 10 Apr 2019 09:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	61.2	49.3	73.9





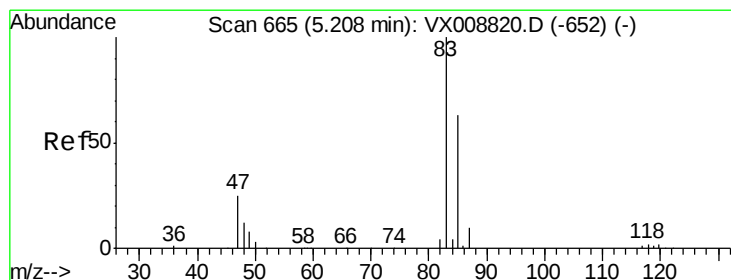
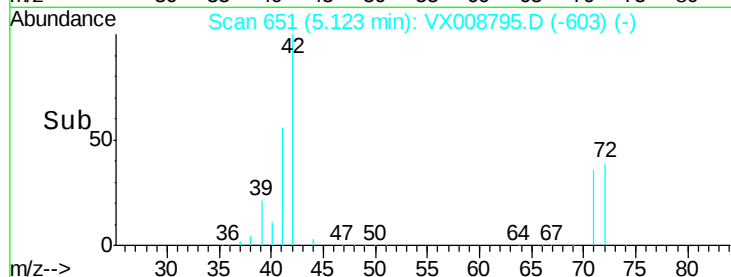
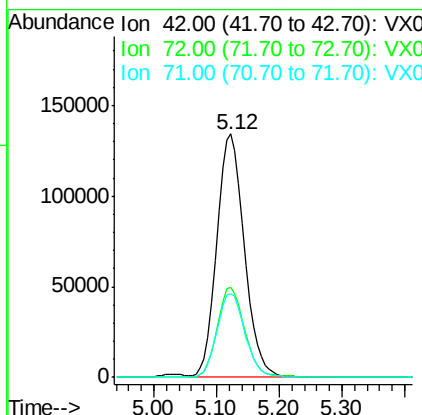
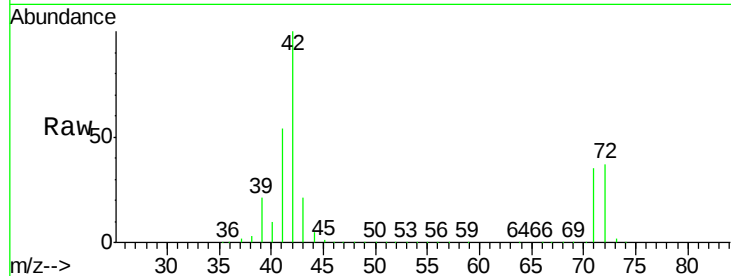
#29
Tetrahydrofuran
Concen: 206.371 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.2	30.5	45.7
71	35.2	28.6	43.0

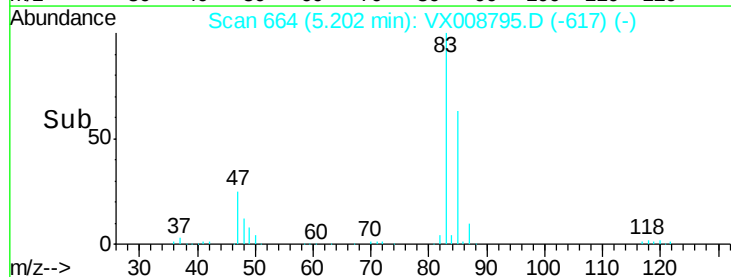
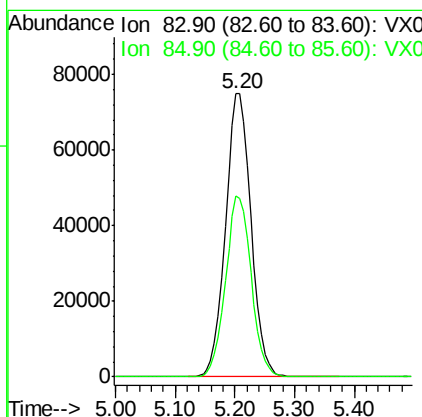
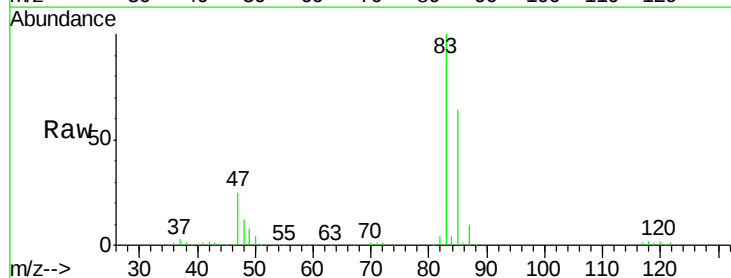
Manual Integrations
APPROVED

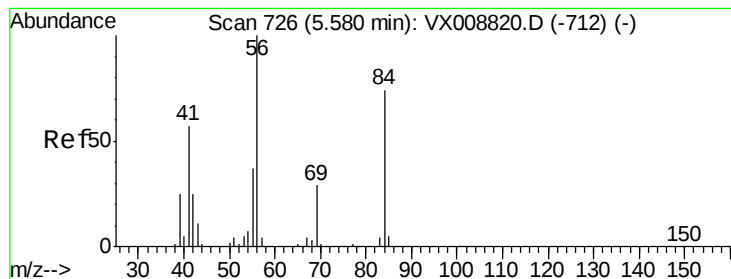
MMDadoda
4/11/2019 11:48:23 AM



#30
Chloroform
Concen: 44.122 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.01 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.1	78.1





#31

Cvclohexane

Concen: 43.035 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

Instrument :

MSVOA_X

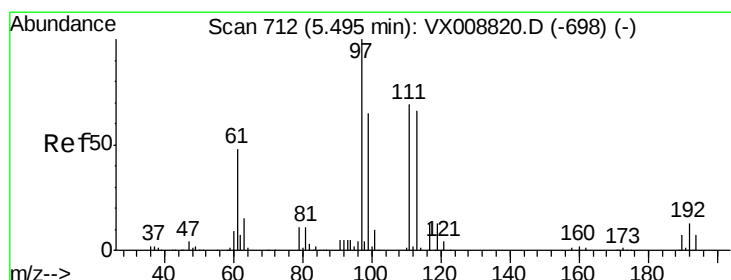
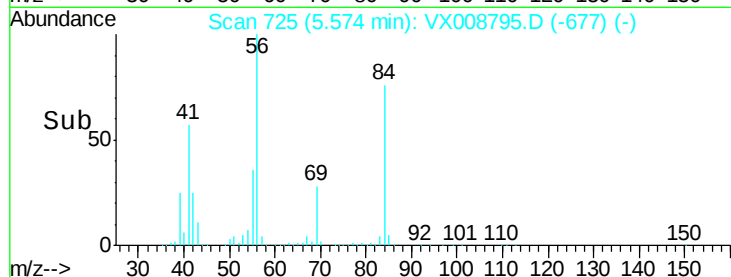
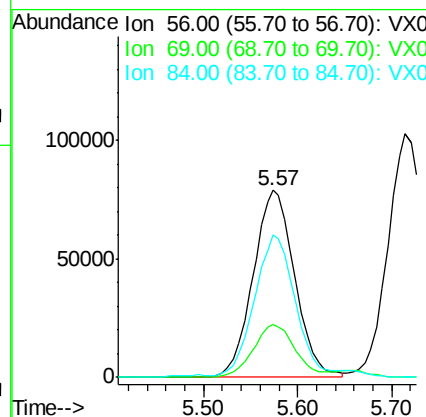
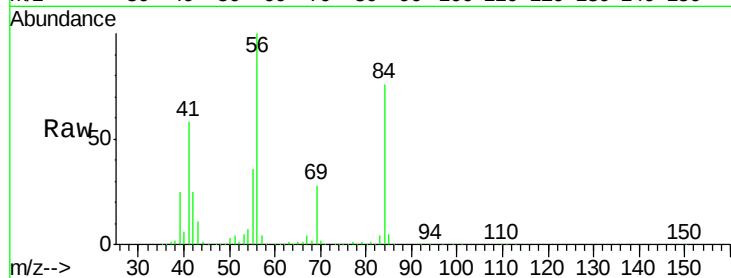
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	242965
Ion	Ratio	Lower	Upper
56	100		
69	28.3	22.6	33.8
84	74.8	59.3	88.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 44.857 ug/l

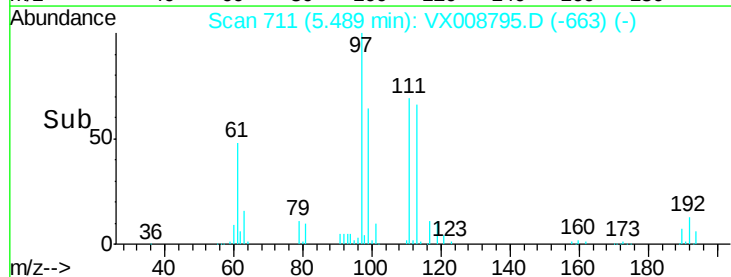
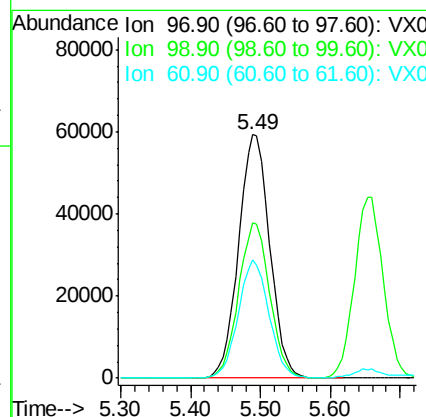
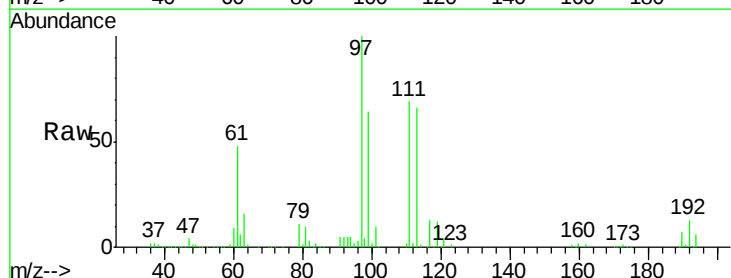
RT: 5.49 min Scan# 711

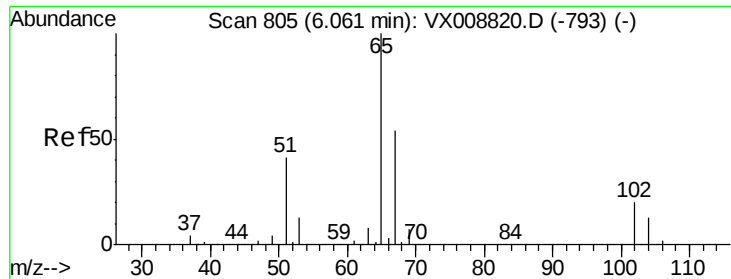
Delta R.T. -0.01 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

Tgt Ion:	97	Resp:	183188
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.3	76.9
61	48.0	38.9	58.3





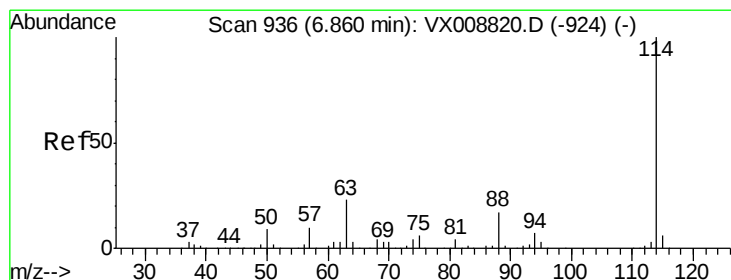
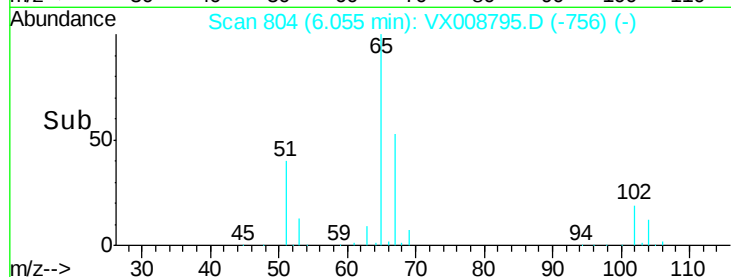
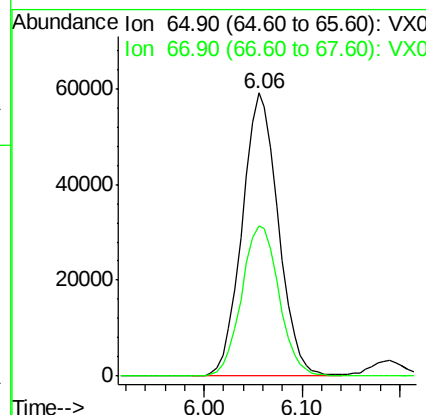
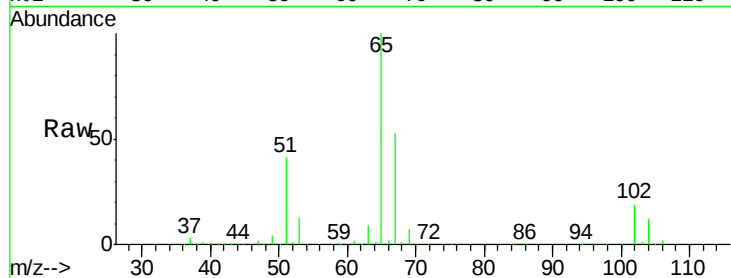
#33
 1,2-Dichloroethane-d4
 Concen: 46.365 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX008795.D
 Acq: 10 Apr 2019 09:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	107.2

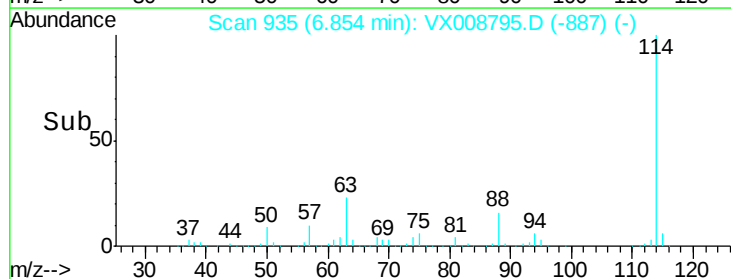
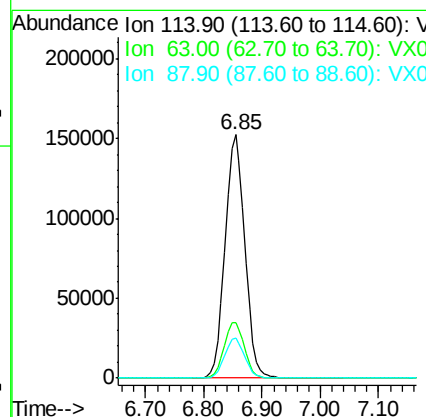
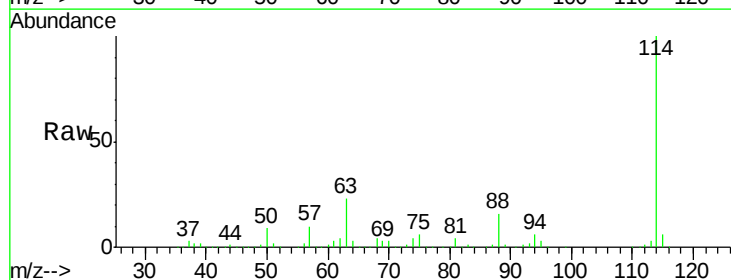
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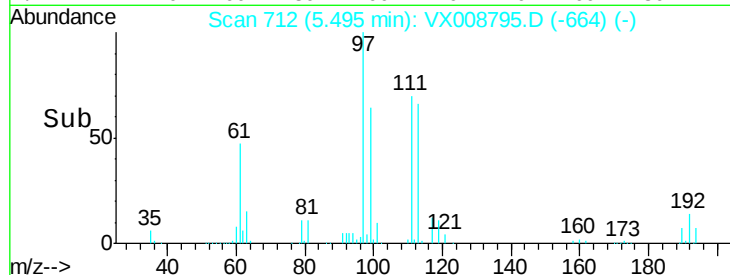
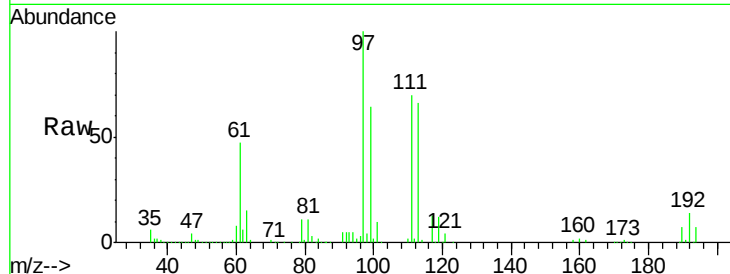
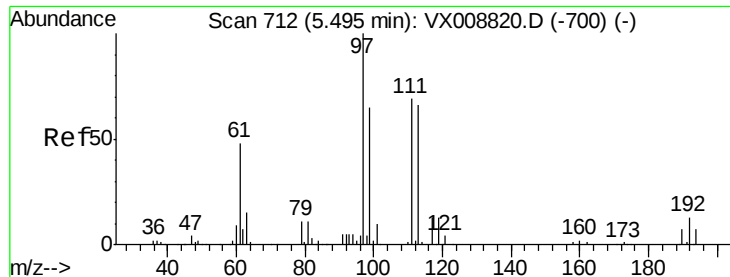
MMDadoda
 4/11/2019 11:48:23 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008795.D
 Acq: 10 Apr 2019 09:51

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	47.2
88	16.5	0.0	34.0





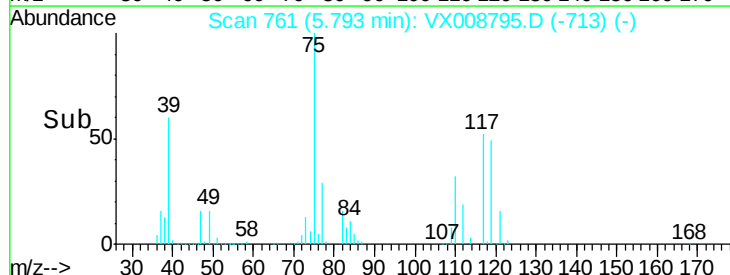
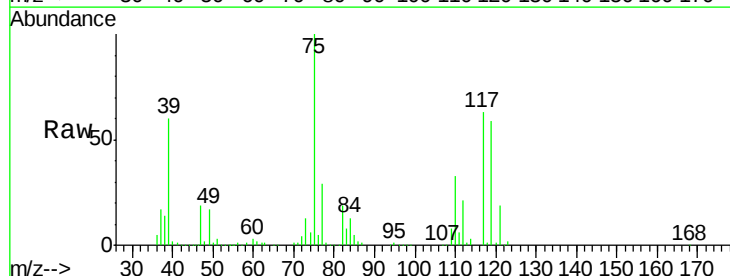
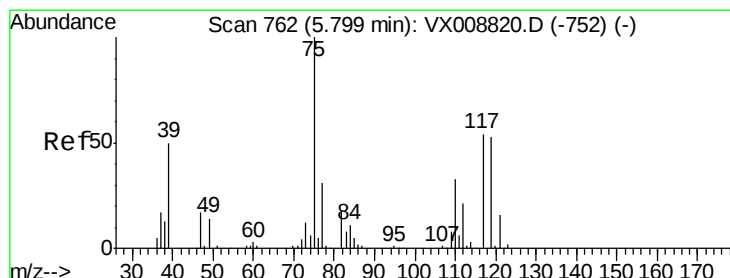
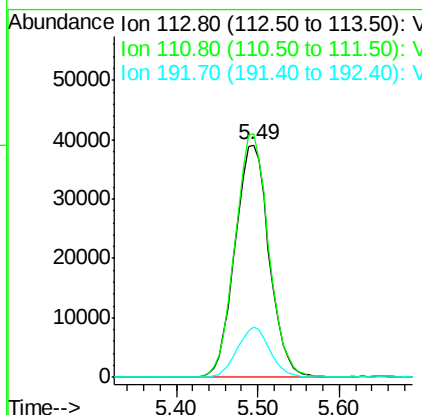
#35
Dibromofluoromethane
Concen: 49.519 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Tot Ion	Ratio	Resp	Lower	Upper
113	100	113571		
111	103.4	83.4	125.2	
192	20.8	16.1	24.1	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

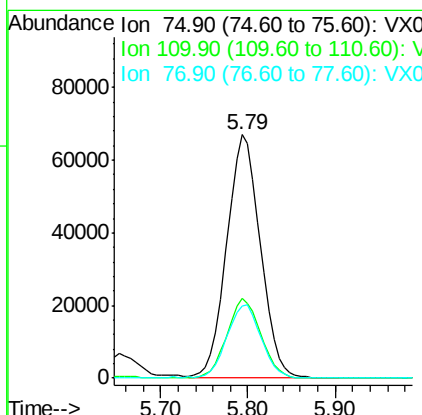
Manual Integrations
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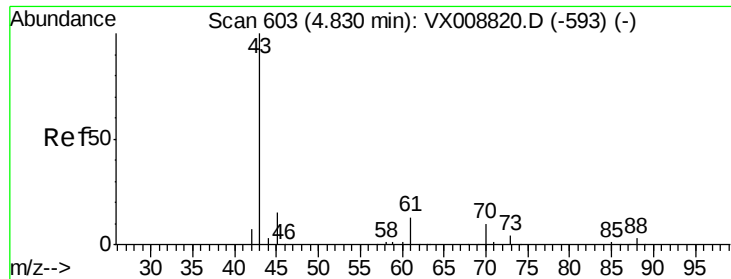
MMDadoda
4/11/2019 11:48:23 AM



#36
1,1-Dichloropropene
Concen: 45.383 ug/l
RT: 5.79 min Scan# 761
Delta R.T. -0.01 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	177951		
110	33.1	16.4	49.2	
77	30.7	24.7	37.1	





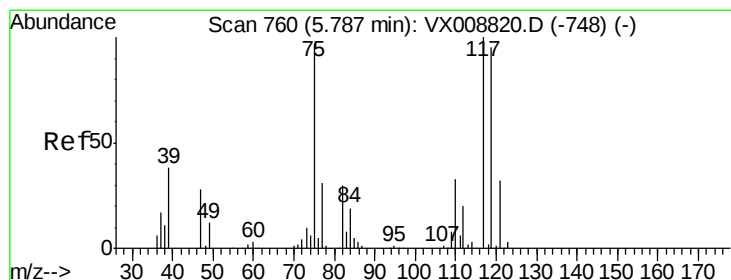
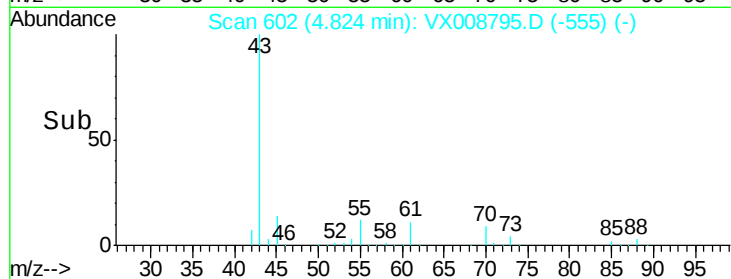
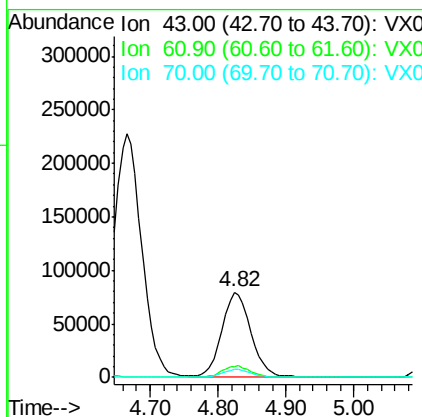
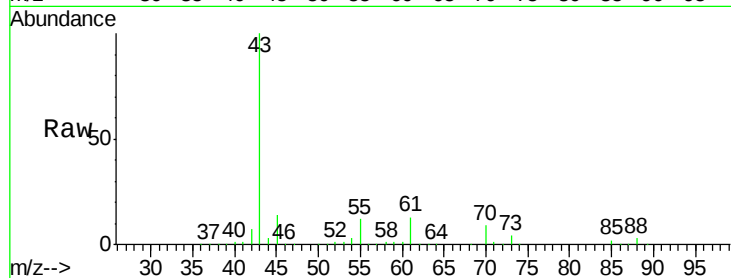
#37
Ethyl Acetate
Concen: 44.768 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.01 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.3	15.5
70	9.3	7.6	11.4

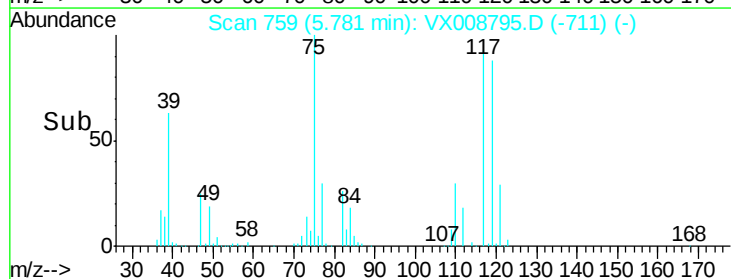
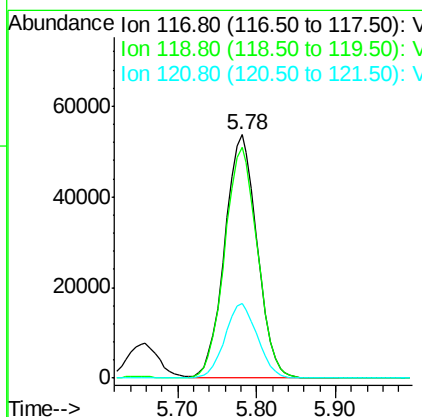
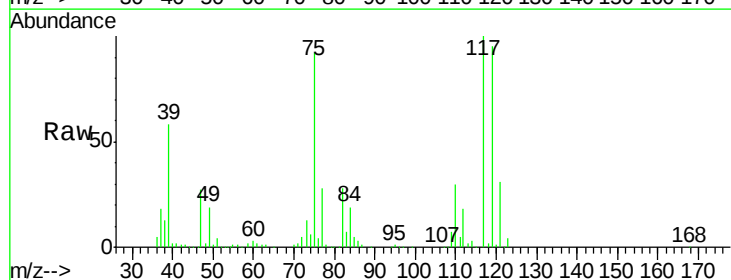
Manual Integrations
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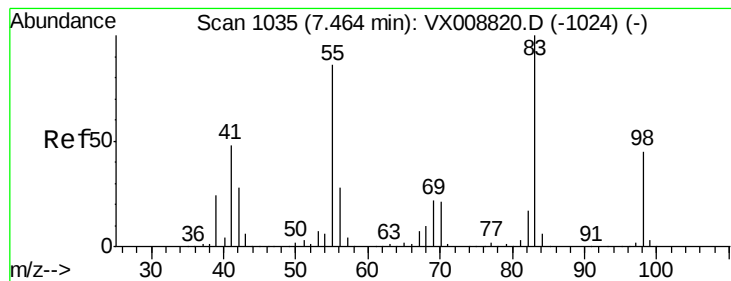
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#38
Carbon Tetrachloride
Concen: 47.399 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.0	112.6
121	30.7	24.3	36.5





#39

Methvlcvclohexane

Concen: 46.873 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

Instrument :

MSVOA_X

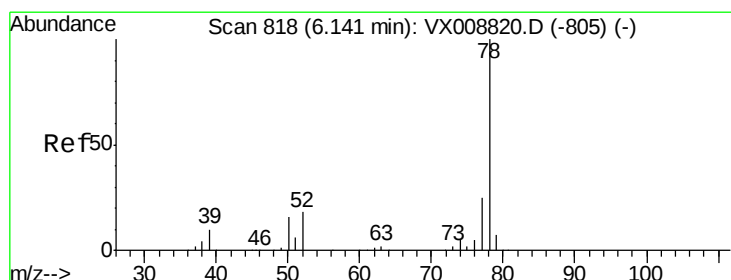
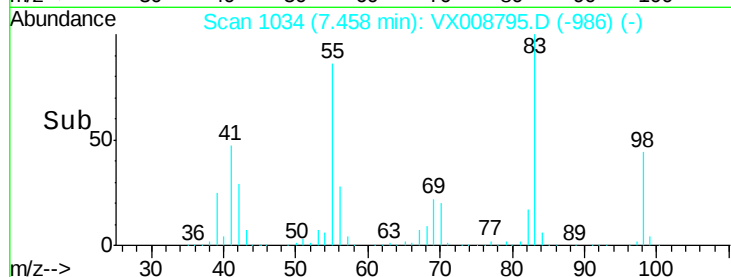
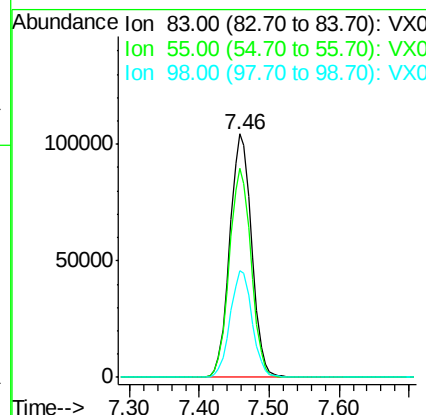
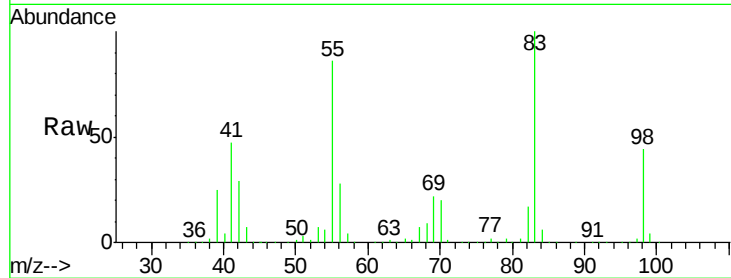
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	227045
Ion	Ratio	Lower	Upper
83	100		
55	85.8	69.0	103.6
98	43.9	34.4	51.6

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#40

Benzene

Concen: 45.321 ug/l

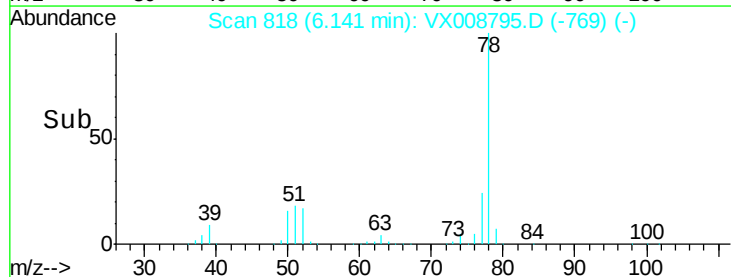
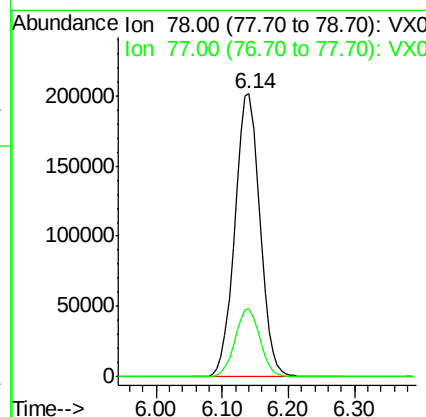
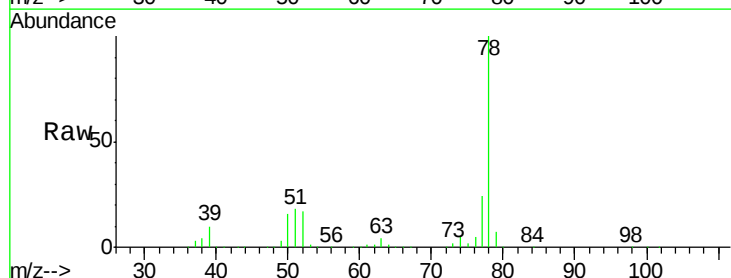
RT: 6.14 min Scan# 818

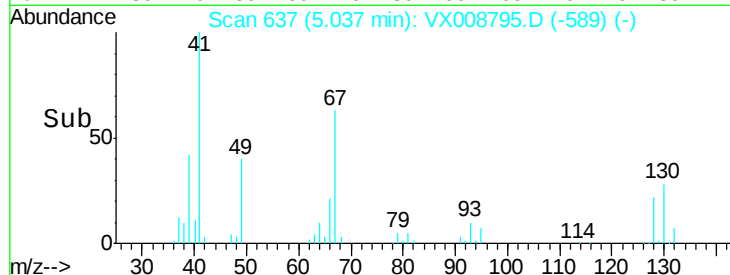
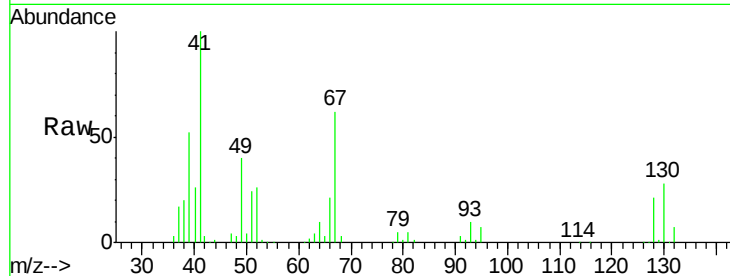
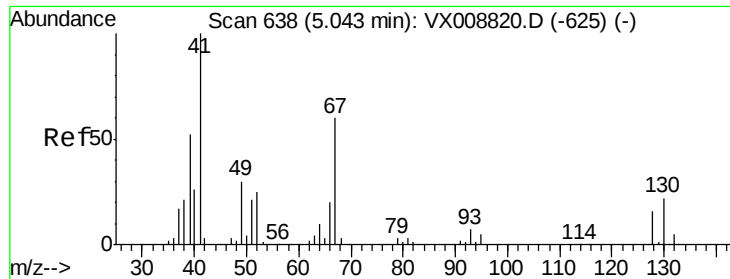
Delta R.T. -0.00 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

Tgt Ion:	78	Resp:	529416
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.1	28.7





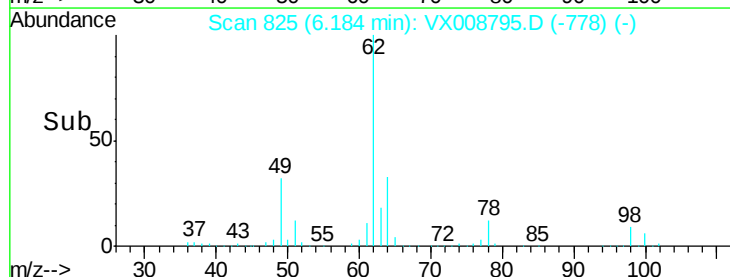
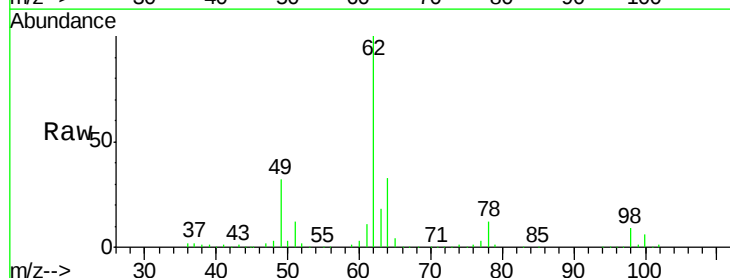
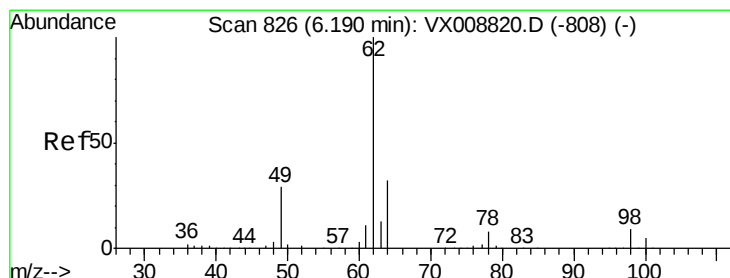
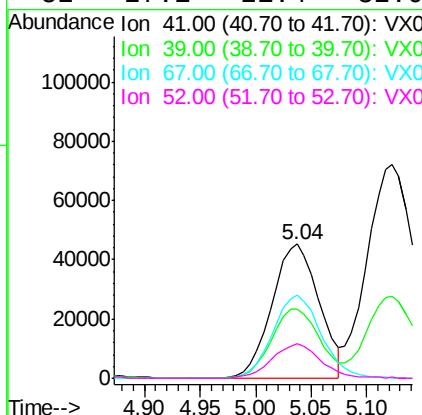
#41
Methacrylonitrile
Concen: 44.286 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Tot Ion	Ion	Ratio	Lower	Upper
133231	41	100		
	39	52.3	42.1	63.1
	67	63.6	51.0	76.6
	52	27.1	21.4	32.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

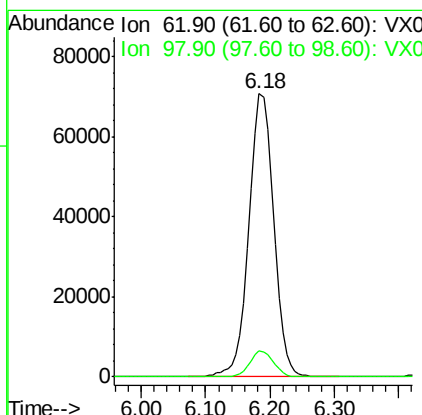
Manual Integrations
APPROVED

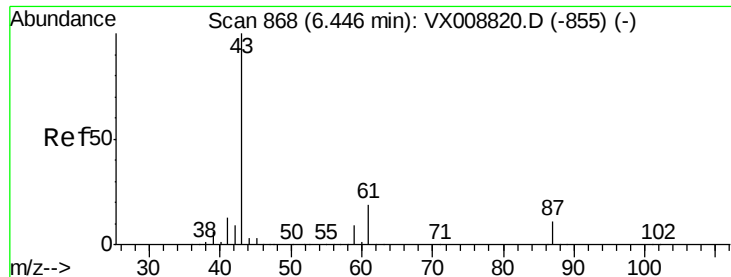
MMDadoda
4/11/2019 11:48:23 AM



#42
1,2-Dichloroethane
Concen: 44.681 ug/l
RT: 6.18 min Scan# 825
Delta R.T. -0.01 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Tgt Ion	Ion	Ratio	Lower	Upper
187113	62	100		
	98	8.7	0.0	18.0





#43

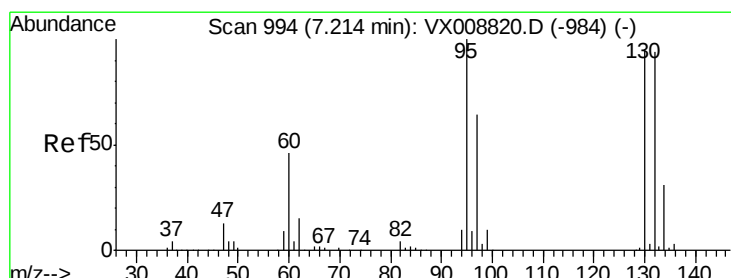
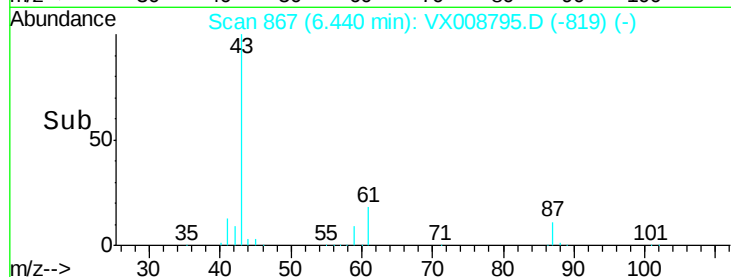
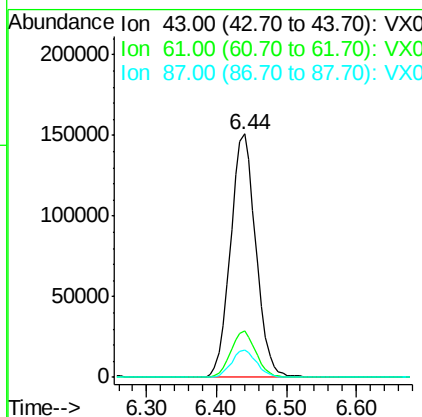
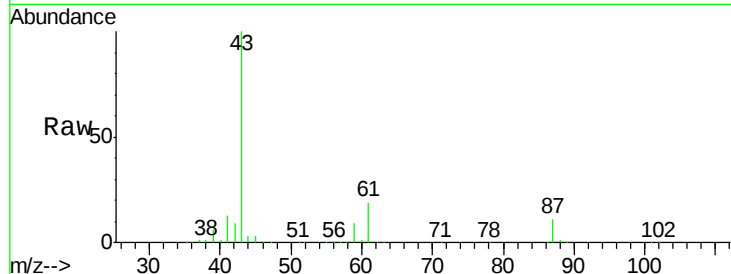
Isopropyl Acetate
 Concen: 46.173 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX008795.D
 Acq: 10 Apr 2019 09:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	43	Resp	378564
Ion Ratio	100	Lower	Upper
61	18.9	15.3	22.9
87	11.2	9.0	13.6

Manual Integrations
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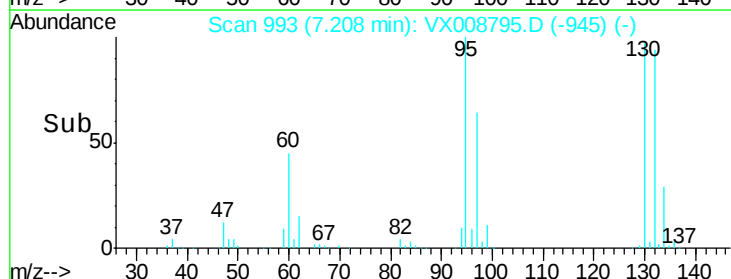
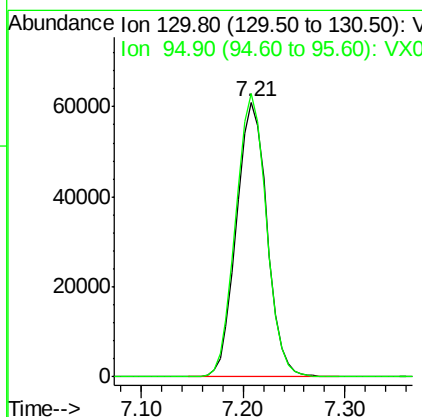
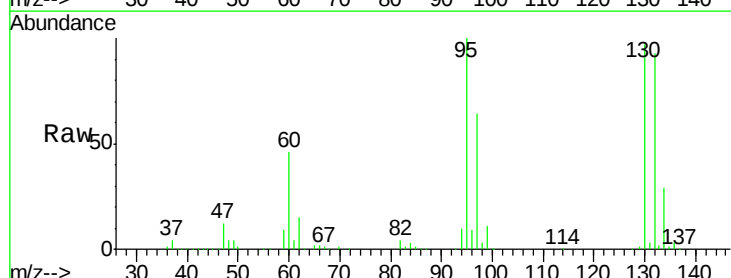
MMDadoda
 4/11/2019 11:48:23 AM

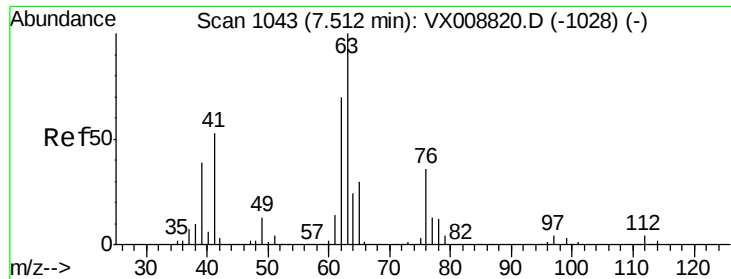


#44

Trichloroethene
 Concen: 46.865 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX008795.D
 Acq: 10 Apr 2019 09:51

Tgt Ion	130	Resp	127503
Ion Ratio	100	Lower	Upper
95	103.1	0.0	209.8





#45

1,2-Dichloropropane

Concen: 45.315 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 151088

Ion Ratio Lower Upper

63 100

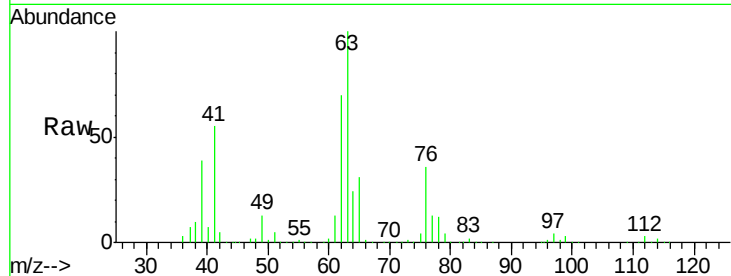
65 31.0 24.2 36.4

Manual Integrations

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MMDadoda

4/11/2019 11:48:23 AM

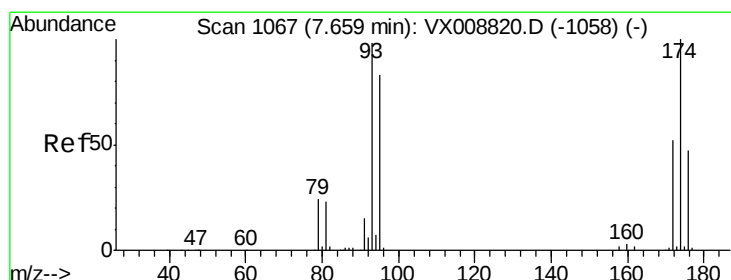
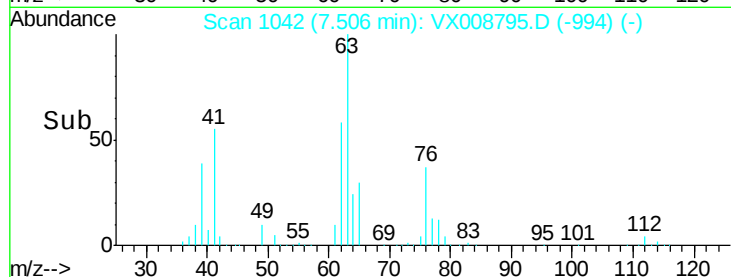


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

Time-->



#46

Dibromomethane

Concen: 44.220 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

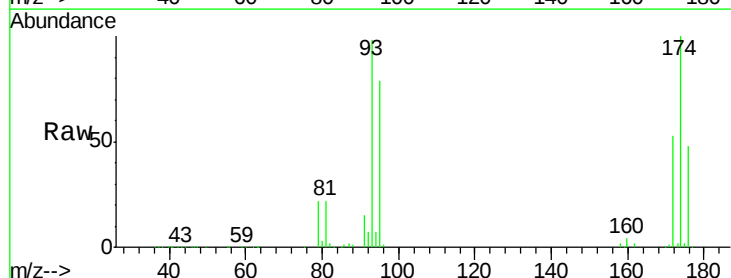
Tgt Ion: 93 Resp: 85510

Ion Ratio Lower Upper

93 100

95 83.0 66.6 99.8

174 100.4 77.7 116.5



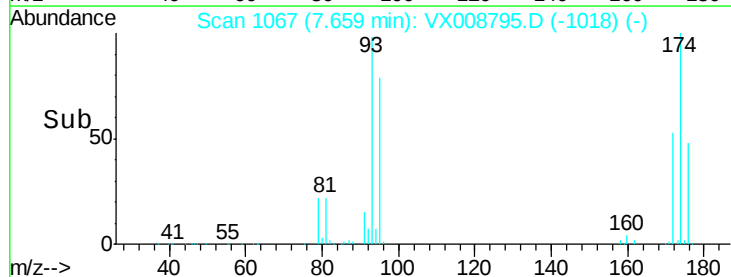
Abundance Ion 92.80 (92.50 to 93.50): VX0

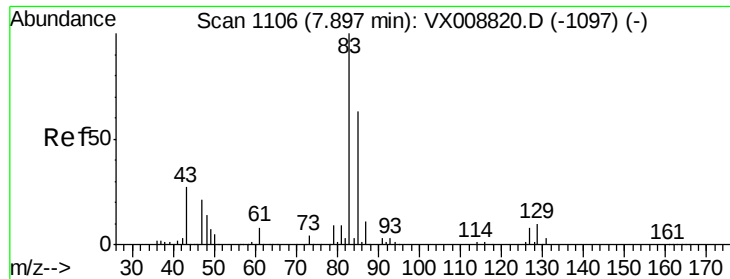
Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.66

Time-->





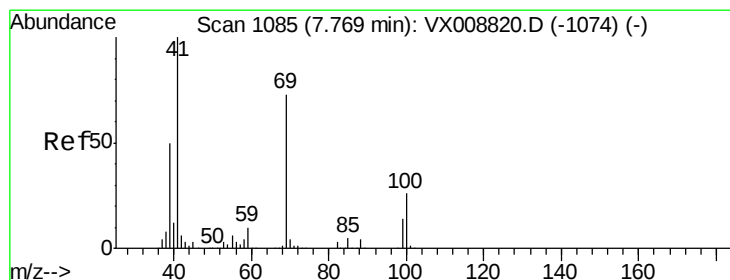
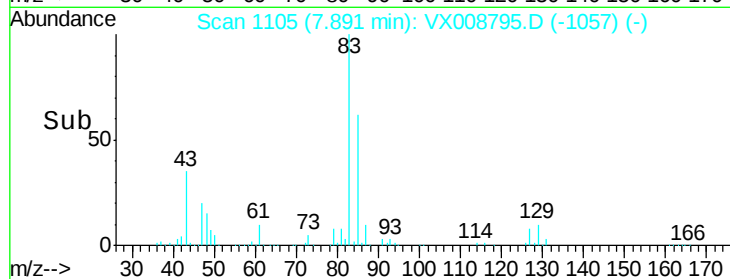
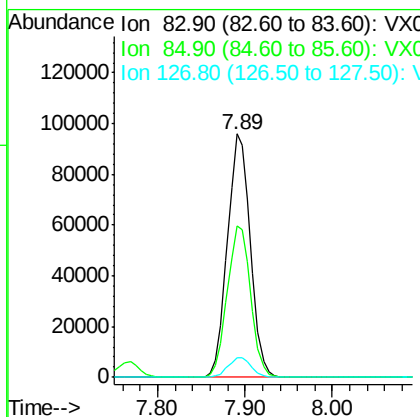
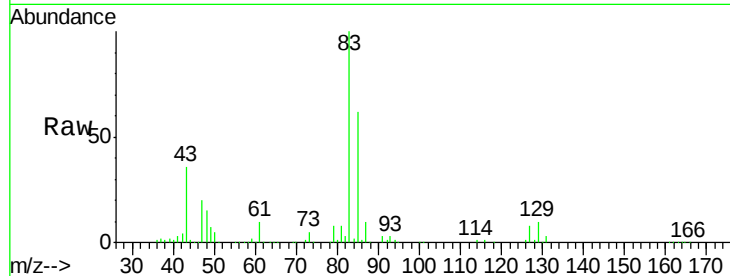
#47
Bromodichloromethane
Concen: 47.935 ug/l
RT: 7.89 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	174776
Ion Ratio	100	Lower	Upper
83	100		
85	62.4	51.2	76.8
127	8.0	6.6	10.0

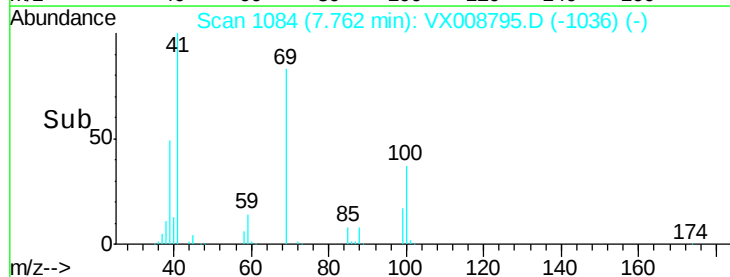
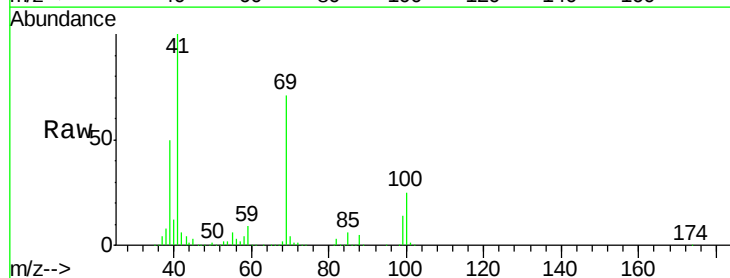
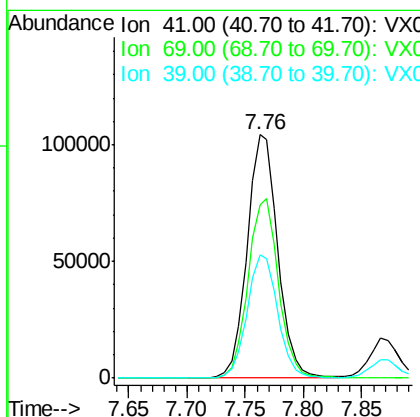
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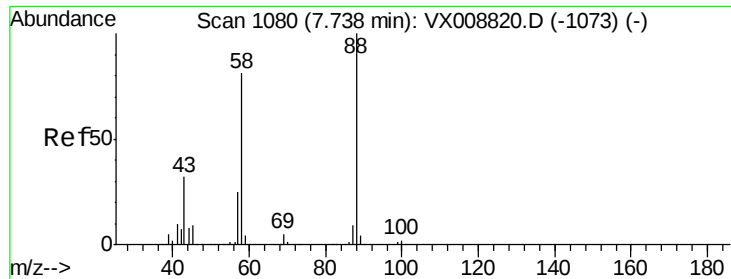
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#48
Methyl methacrylate
Concen: 45.958 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. -0.01 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Tgt Ion	41	Resp	190606
Ion Ratio	100	Lower	Upper
41	100		
69	73.9	59.0	88.4
39	50.6	41.0	61.4





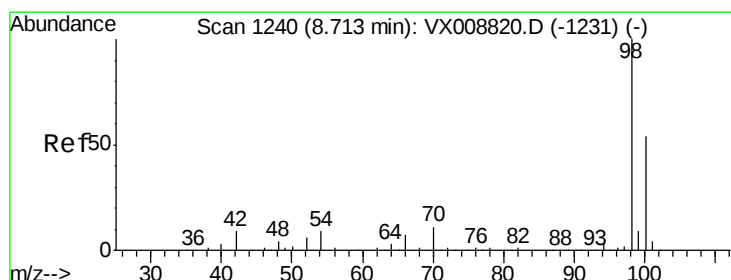
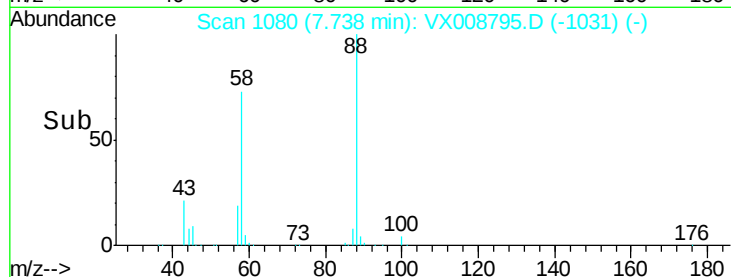
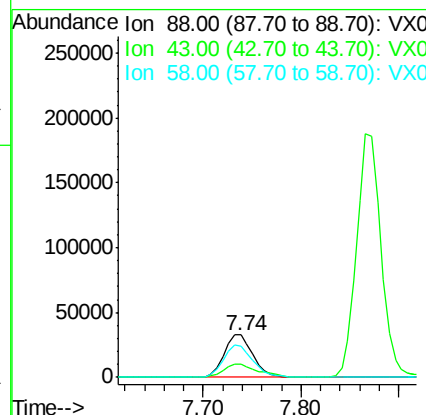
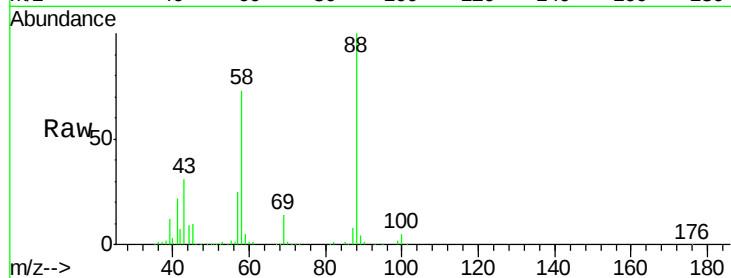
#49
1,4-Dioxane
Concen: 865.252 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.1	28.6	43.0
58	77.9	62.2	93.2

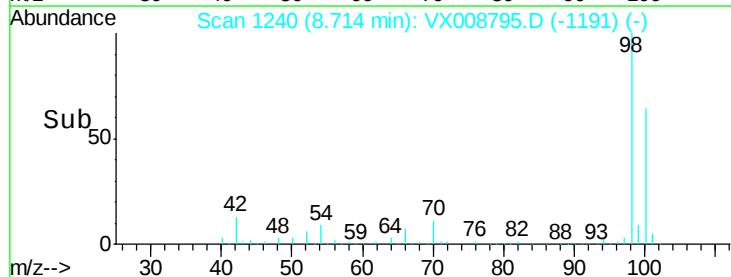
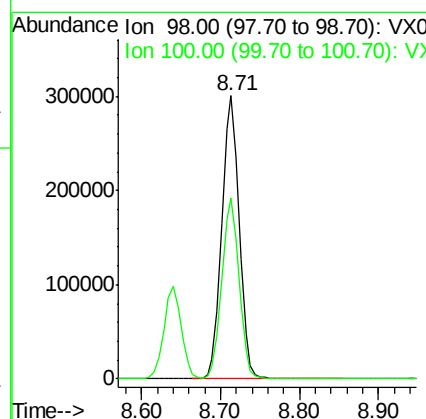
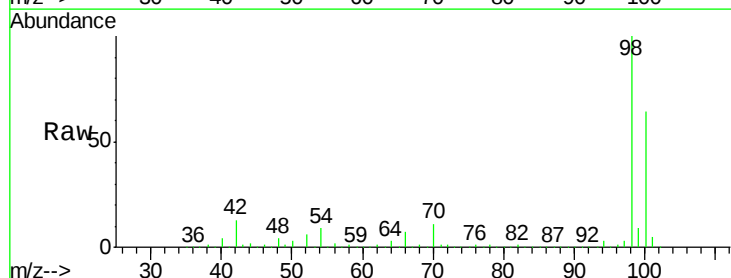
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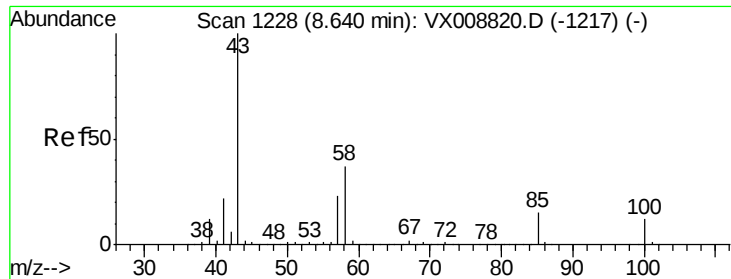
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#50
Toluene-d8
Concen: 50.673 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.4	77.0





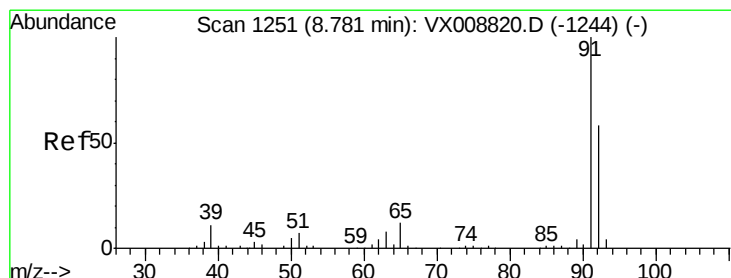
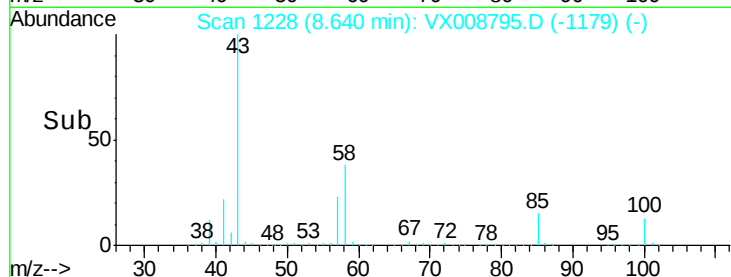
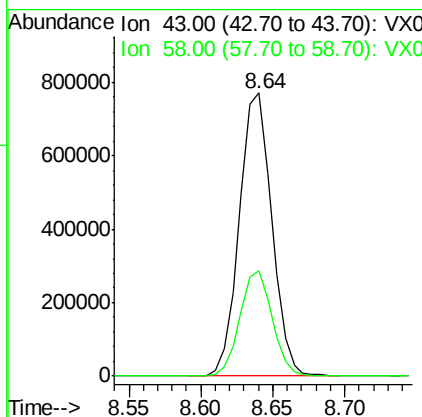
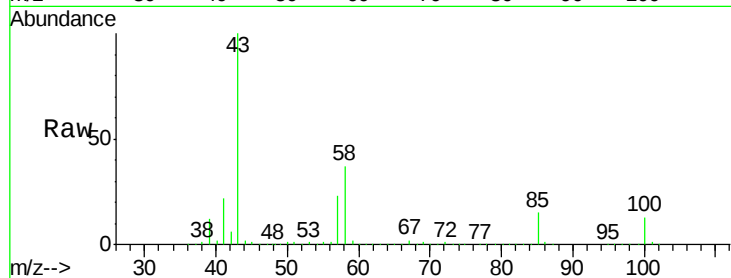
#51
4-Methyl-2-Pentanone
Concen: 228.961 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1208424
Ion Ratio Lower Upper
43 100
58 37.1 29.5 44.3

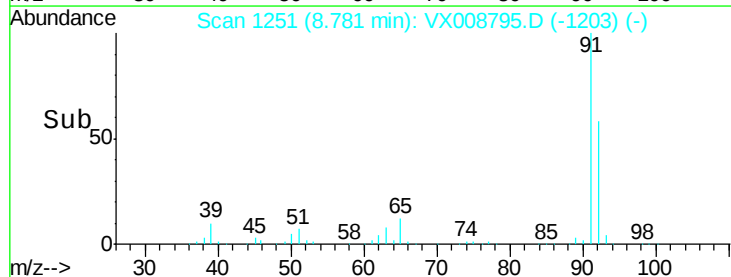
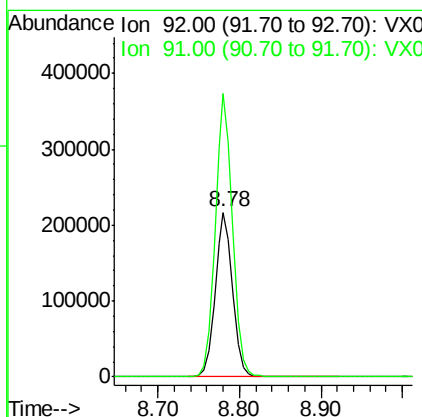
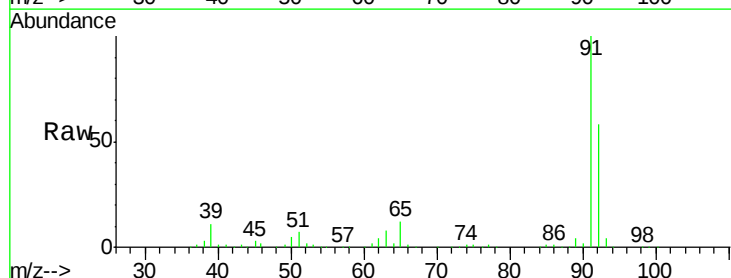
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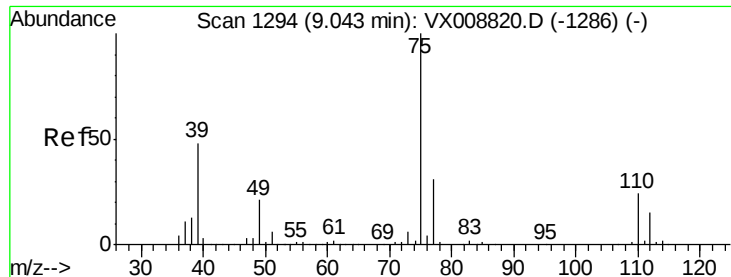
MMDadoda
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#52
Toluene
Concen: 47.018 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Tgt Ion: 92 Resp: 323803
Ion Ratio Lower Upper
92 100
91 172.2 138.5 207.7





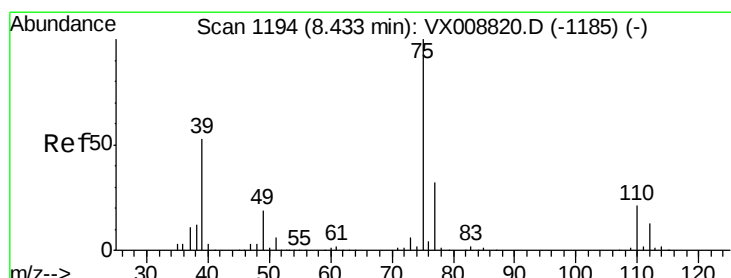
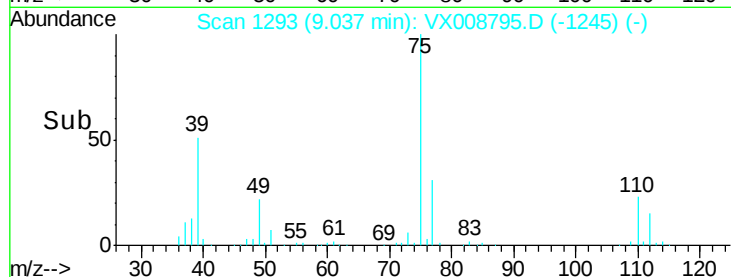
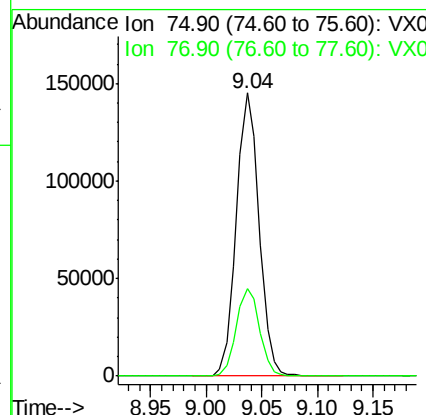
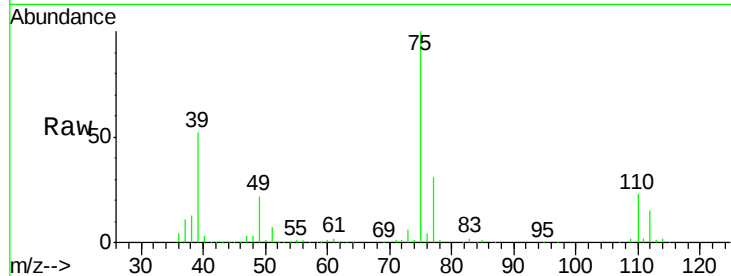
#53
 t-1,3-Dichloropropene
 Concen: 50.341 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: VX008795.D
 Acq: 10 Apr 2019 09:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 205603
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.2 37.8

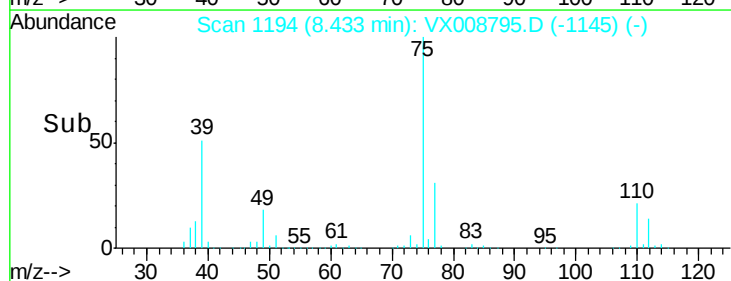
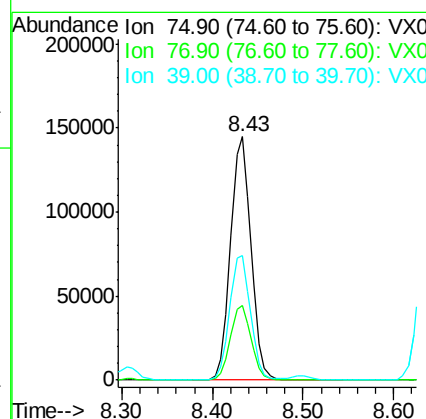
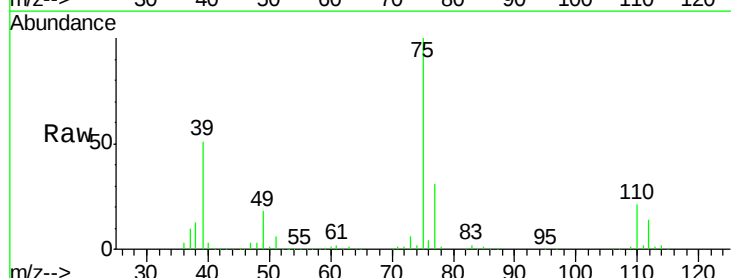
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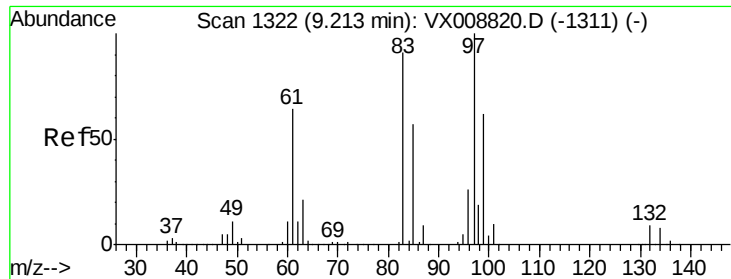
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#54
 cis-1,3-Dichloropropene
 Concen: 48.645 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008795.D
 Acq: 10 Apr 2019 09:51

Tgt Ion: 75 Resp: 227018
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.3 37.9
 39 51.2 42.6 63.8





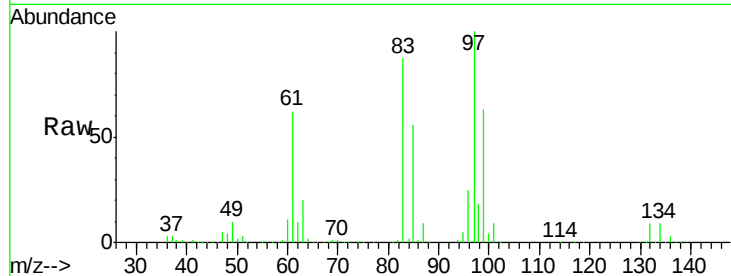
#55
 1,1,2-Trichloroethane
 Concen: 46.441 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008795.D
 Acq: 10 Apr 2019 09:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

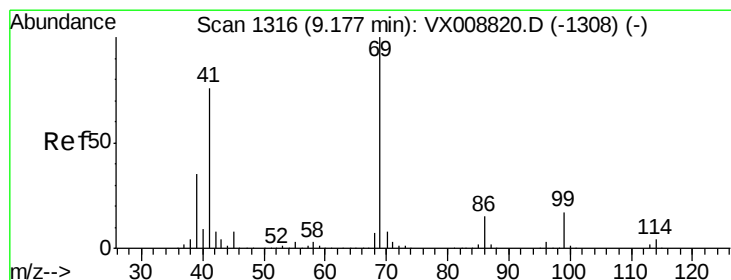
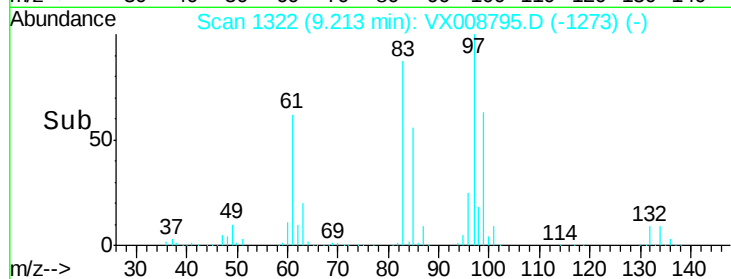
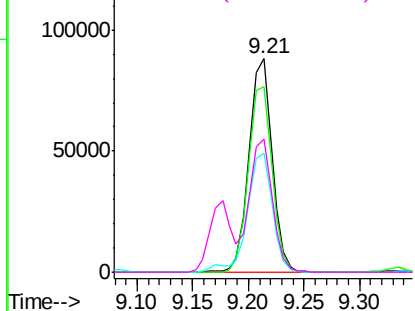
Tot Ion:	97	Resp:	128381
Ion	Ratio	Lower	Upper
97	100		
83	87.1	73.2	109.8
85	55.9	46.6	69.8
99	62.4	50.1	75.1

Manual Integrations
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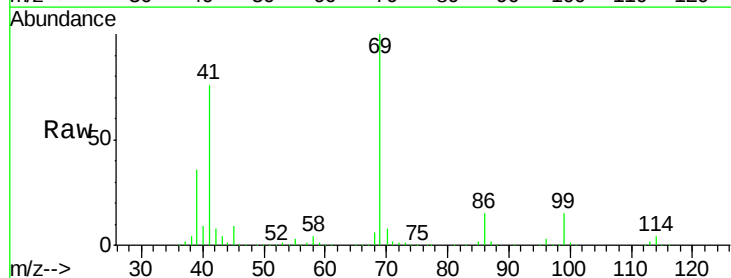


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

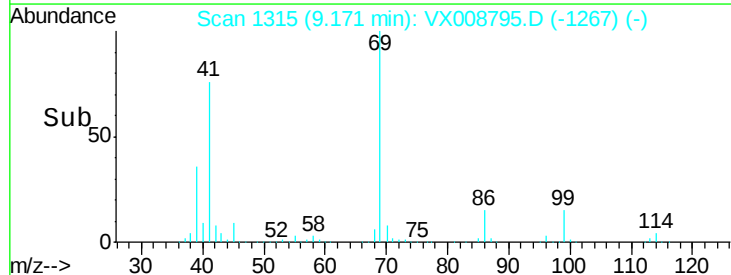
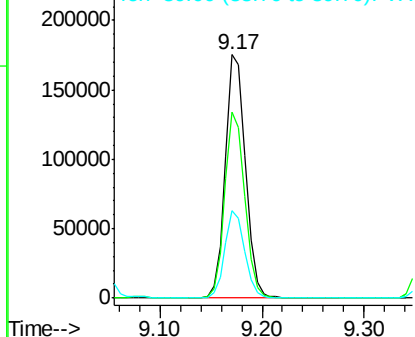


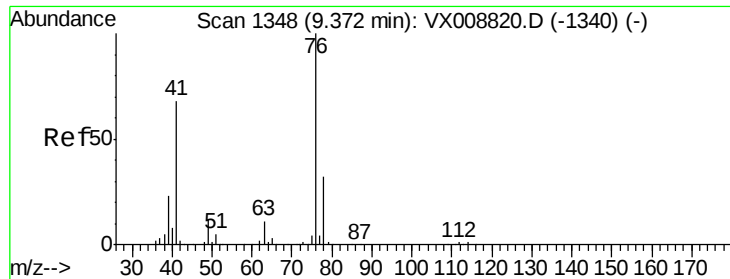
#56
 Ethyl methacrylate
 Concen: 47.991 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VX008795.D
 Acq: 10 Apr 2019 09:51

Tgt Ion:	69	Resp:	240038
Ion	Ratio	Lower	Upper
69	100		
41	75.8	60.1	90.1
39	35.4	28.9	43.3



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





#57

1,3-Dichloropropane

Concen: 46.264 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 229651

Ion Ratio Lower Upper

76 100

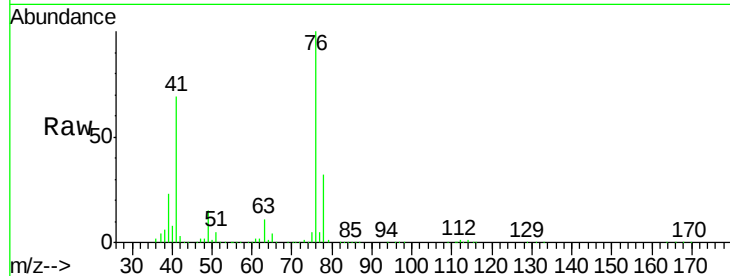
78 32.0 25.6 38.4

Manual Integrations

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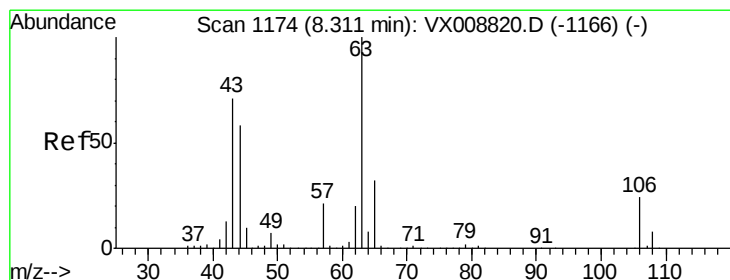
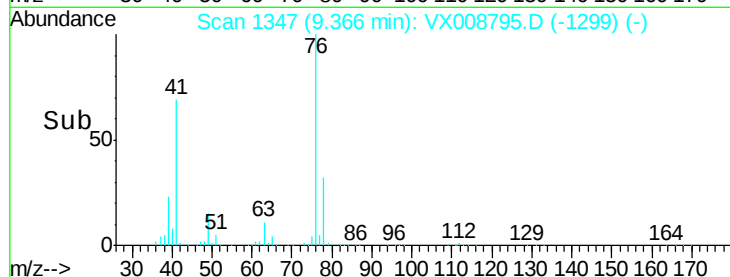
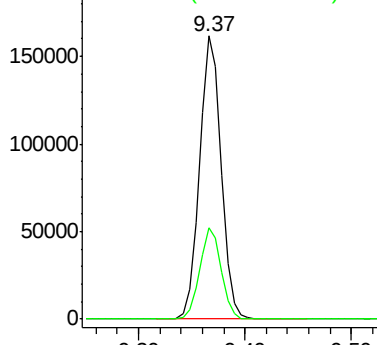
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 231.889 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX008795.D

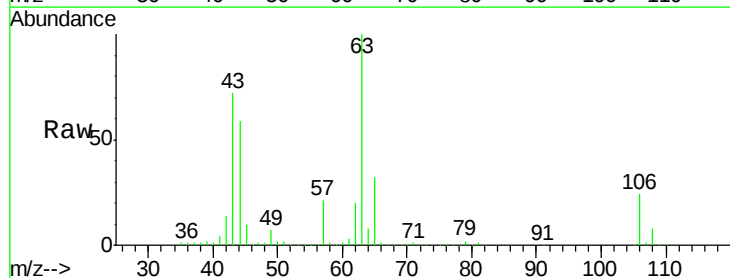
Acq: 10 Apr 2019 09:51

Tgt Ion: 63 Resp: 592236

Ion Ratio Lower Upper

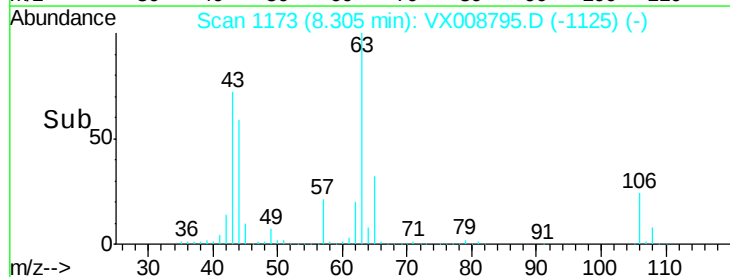
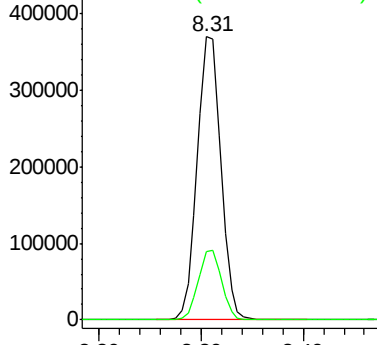
63 100

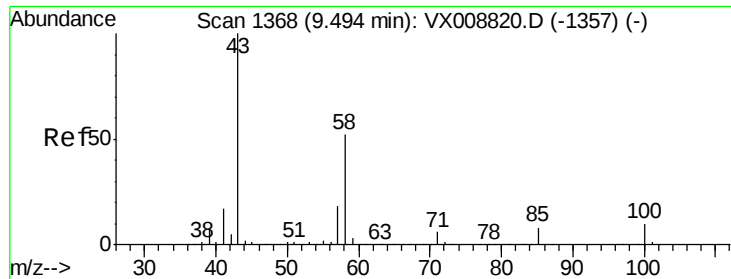
106 24.3 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





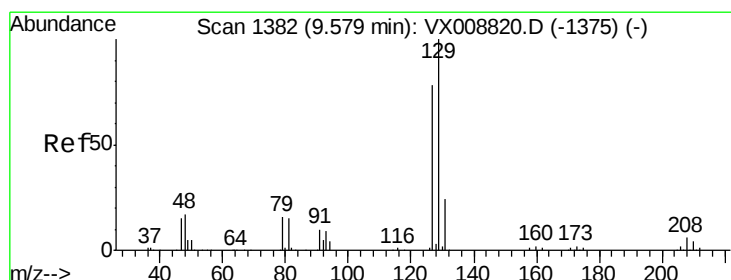
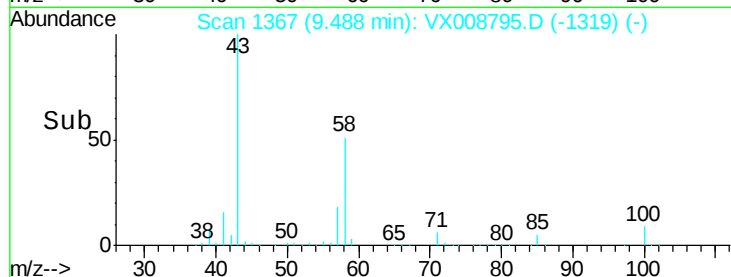
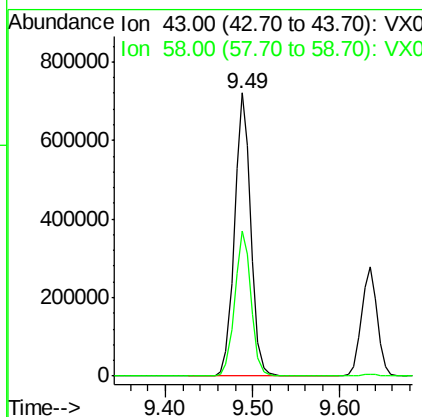
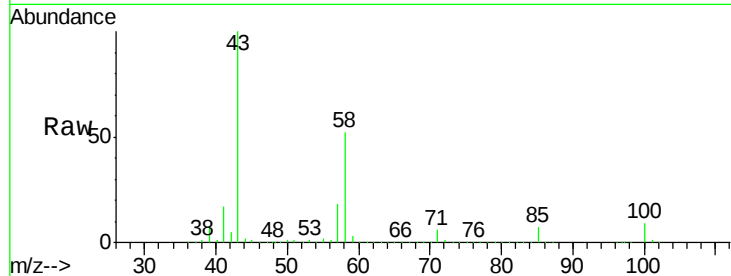
#59
2-Hexanone
Concen: 229.344 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 940695
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.7

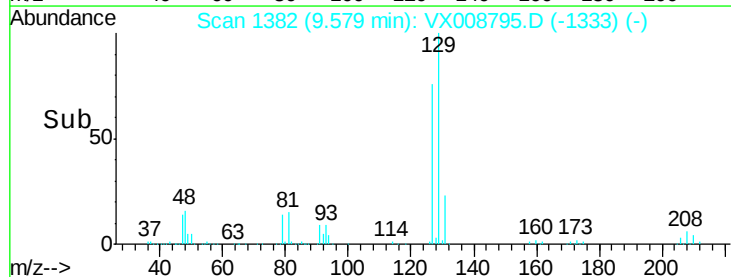
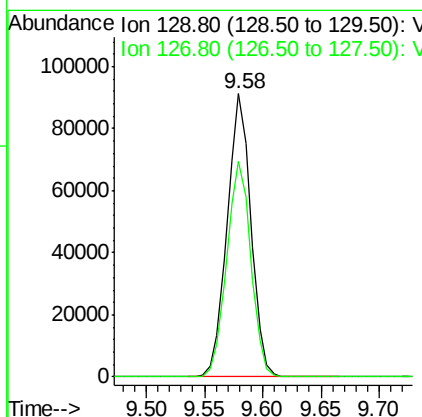
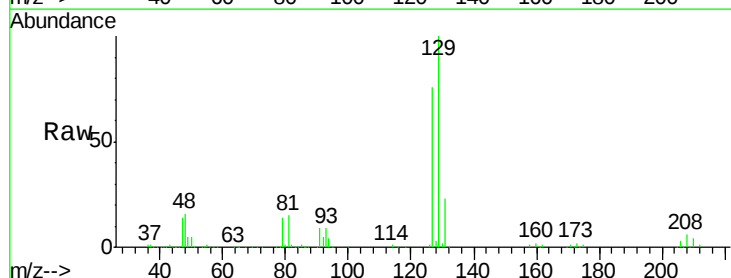
Manual Integrations
APPROVED

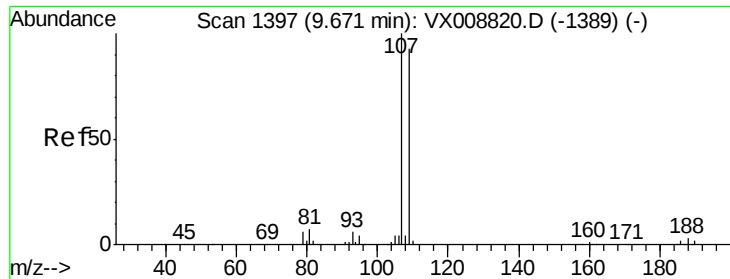
MMDadoda
4/11/2019 11:48:23 AM



#60
Dibromochloromethane
Concen: 49.716 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Tgt Ion: 129 Resp: 129508
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3





#61

1,2-Dibromoethane

Concen: 46.220 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 133015

Ion Ratio Lower Upper

107 100

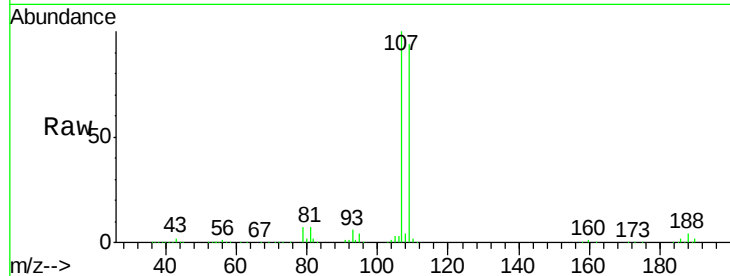
109 93.6 74.1 111.1

Manual Integrations

APPROVED

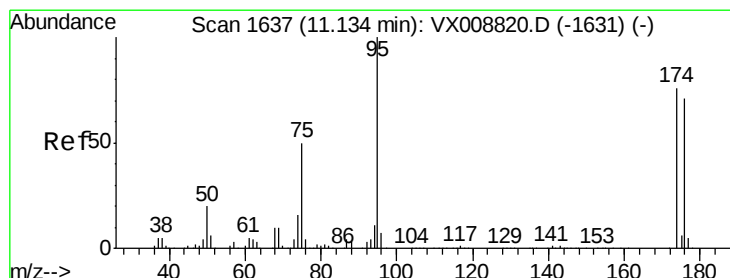
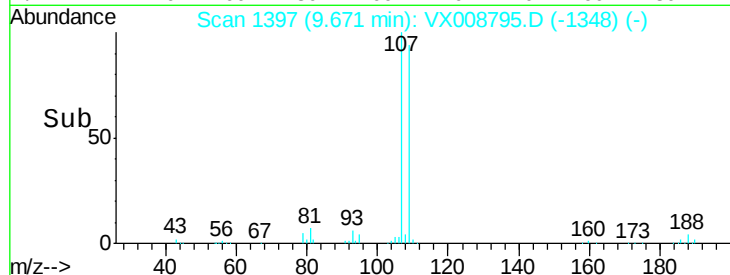
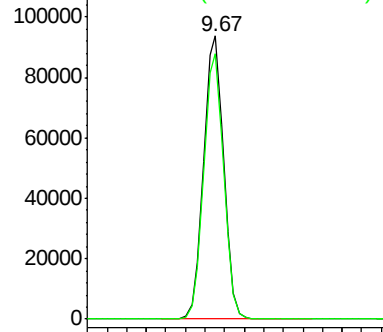
MMDadoda

4/11/2019 11:48:23 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.992 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

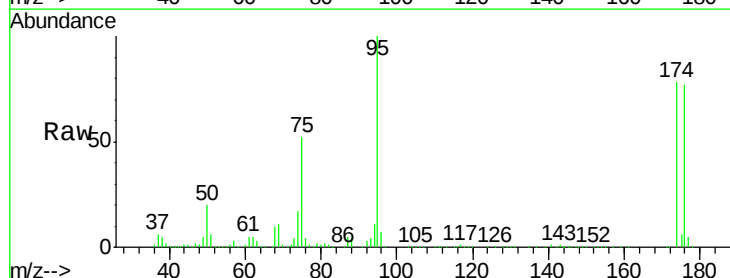
Tgt Ion: 95 Resp: 171605

Ion Ratio Lower Upper

95 100

174 79.2 0.0 151.8

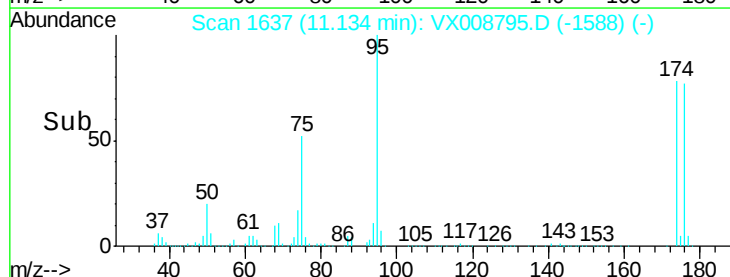
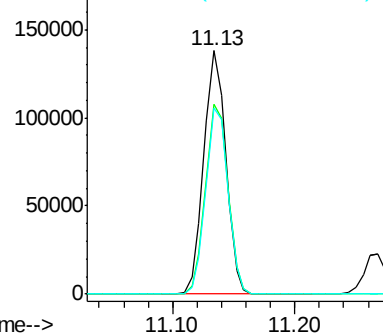
176 77.3 0.0 145.8

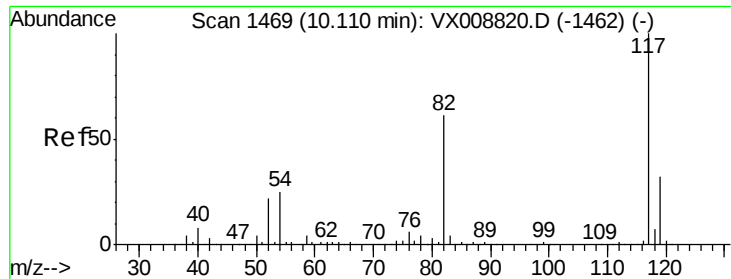


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





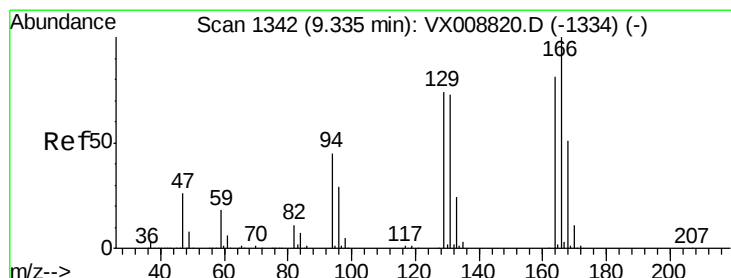
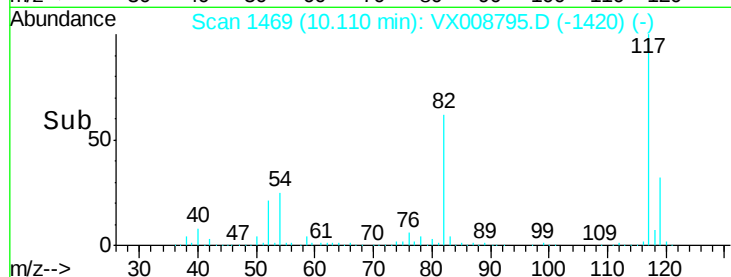
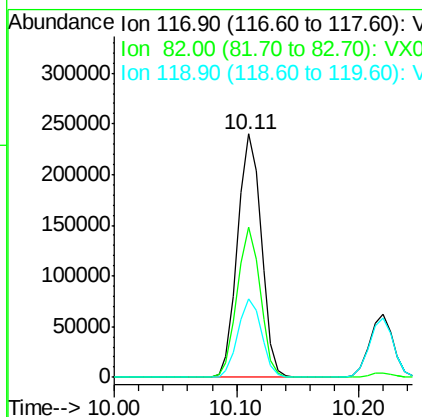
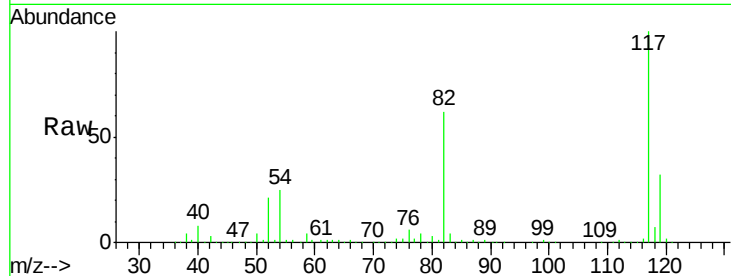
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	322700		
82	61.5	49.6	74.4	
119	32.2	25.0	37.4	

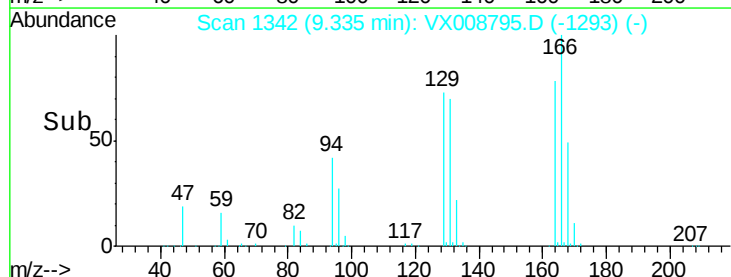
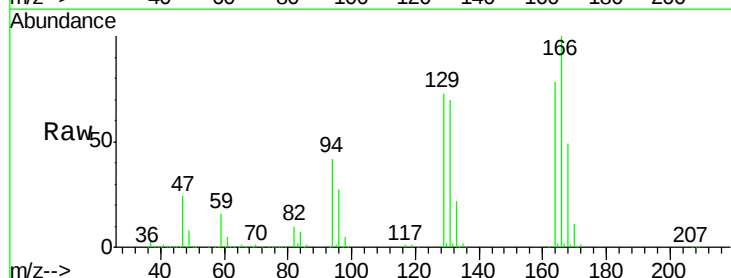
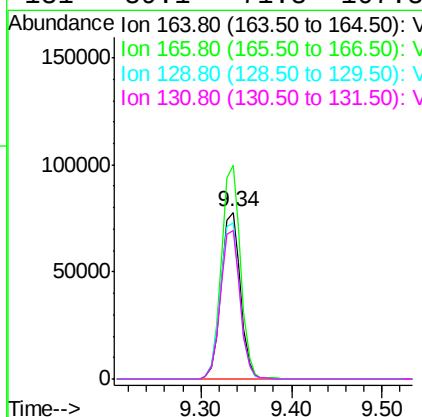
Manual Integrations
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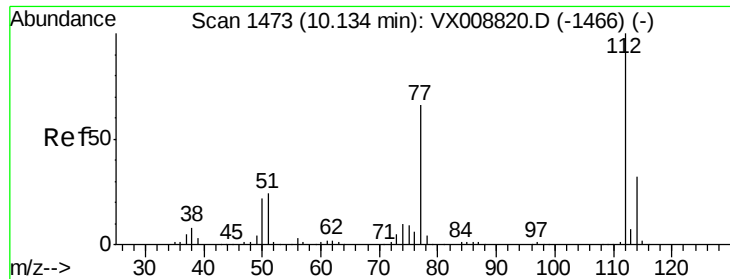
MMDadoda
4/11/2019 11:48:23 AM



#64
Tetrachloroethene
Concen: 48.170 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	115169		
166	127.9	101.0	151.6	
129	93.7	75.8	113.8	
131	89.1	71.8	107.8	





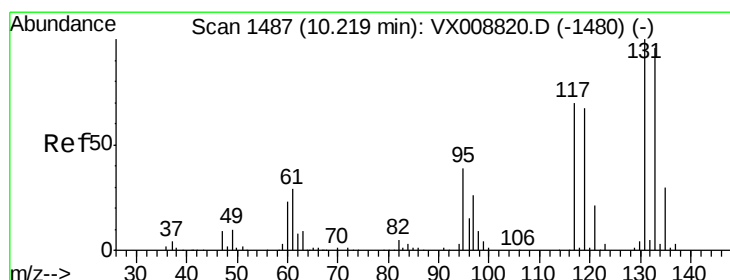
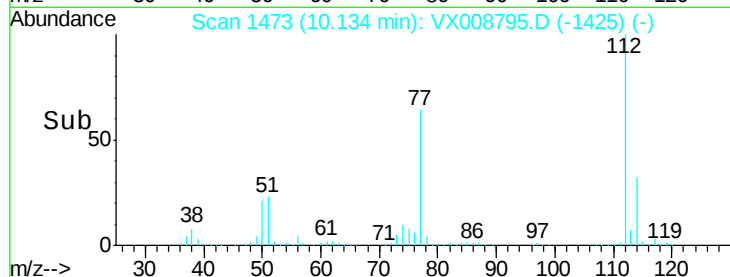
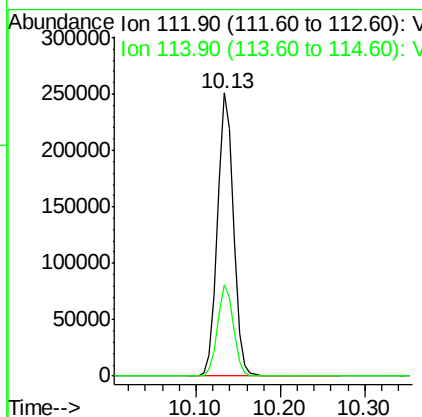
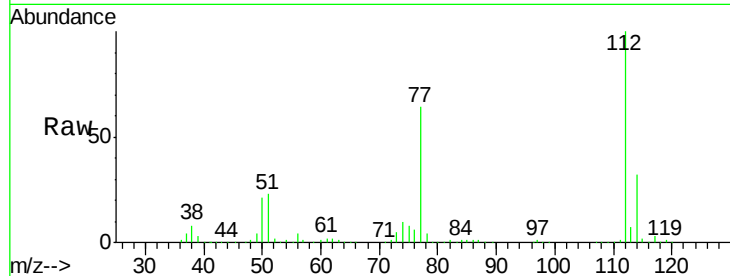
#65
Chlorobenzene
Concen: 46.490 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 332554
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8

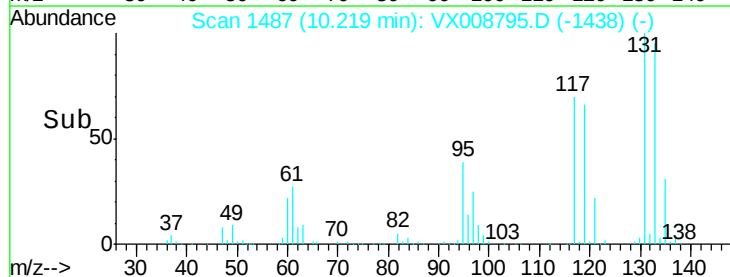
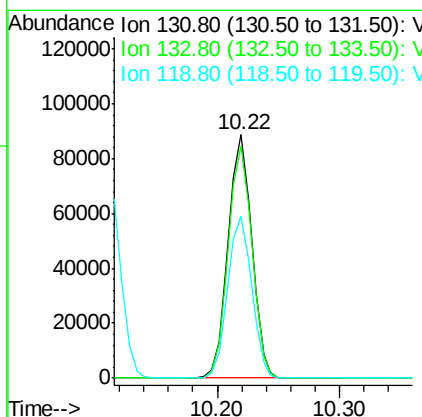
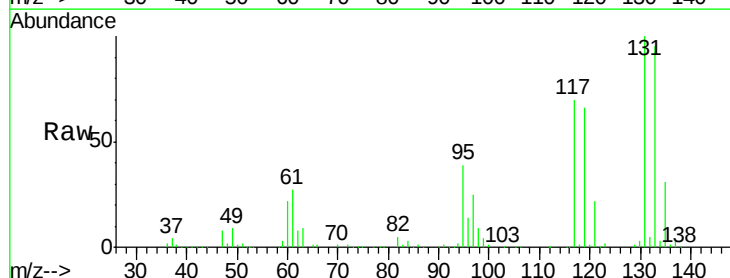
Manual Integrations
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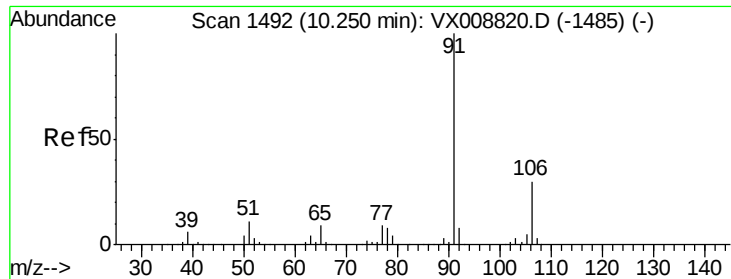
MMDadoda
4/11/2019 11:48:23 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 47.263 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Tgt Ion:131 Resp: 118607
Ion Ratio Lower Upper
131 100
133 95.6 47.0 141.2
119 67.3 33.7 101.0





#67

Ethyl Benzene

Concen: 47.103 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 628283

Ion Ratio Lower Upper

91 100

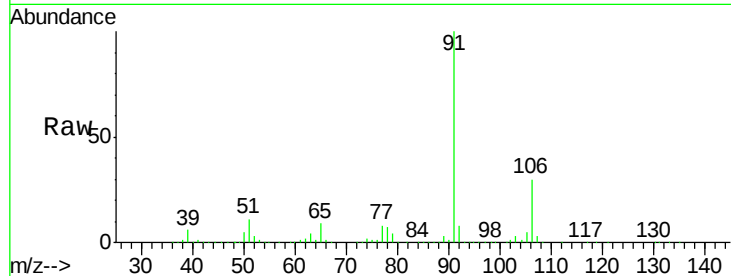
106 30.1 23.7 35.5

Manual Integrations

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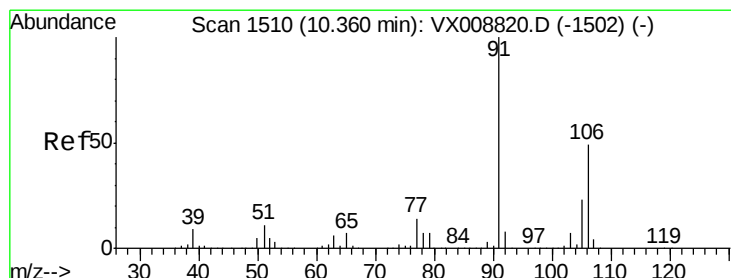
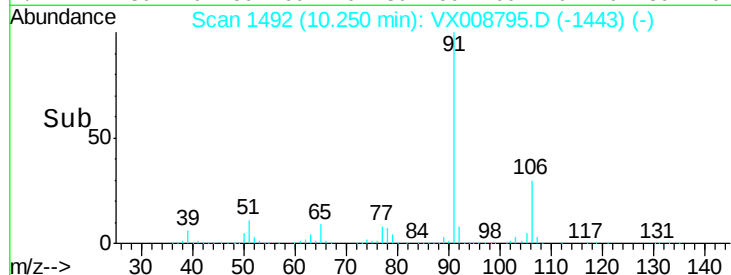
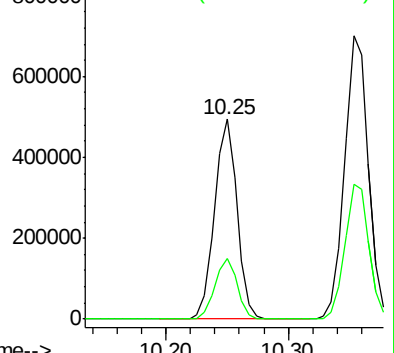
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 95.049 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX008795.D

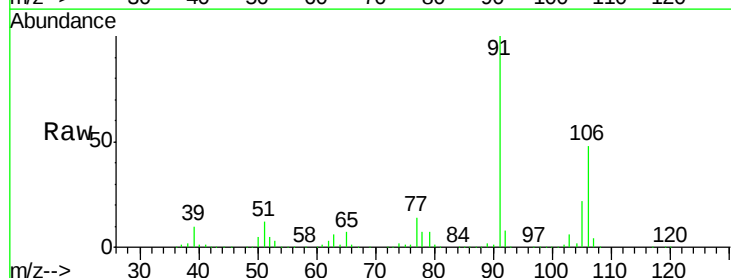
Acq: 10 Apr 2019 09:51

Tgt Ion: 106 Resp: 455843

Ion Ratio Lower Upper

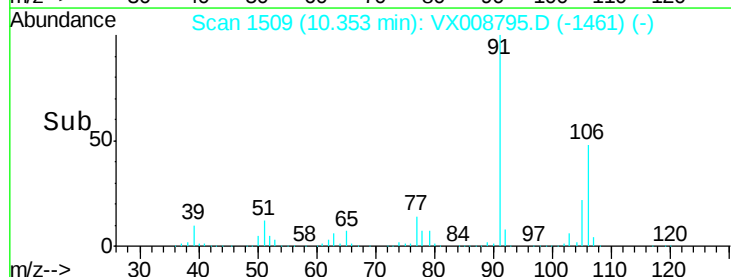
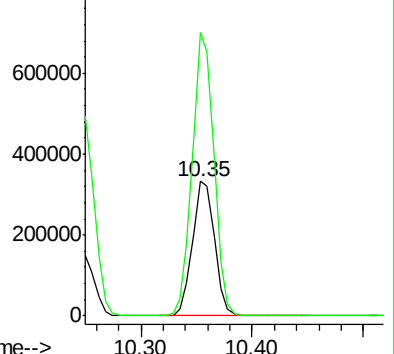
106 100

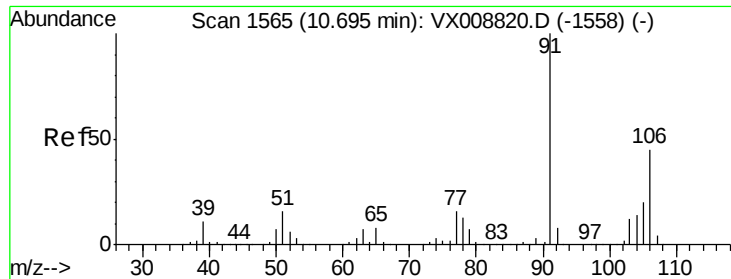
91 207.5 168.5 252.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





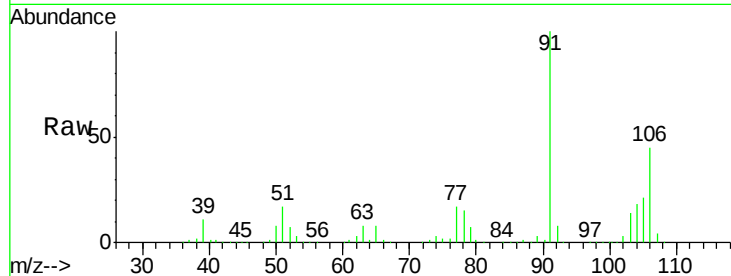
#69
o-Xylene
Concen: 46.677 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

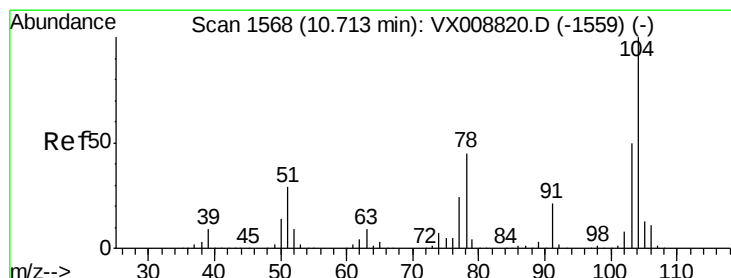
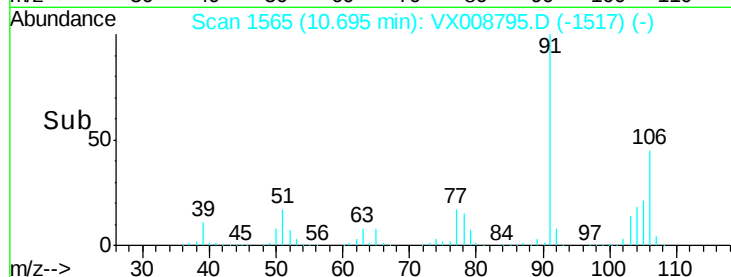
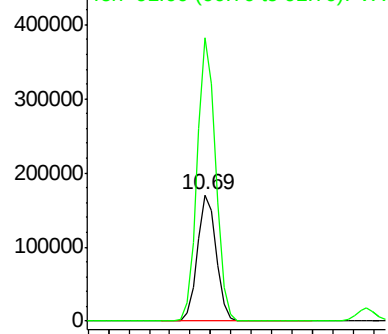
Tot Ion:106 Resp: 216944
Ion Ratio Lower Upper
106 100
91 221.5 111.5 334.4

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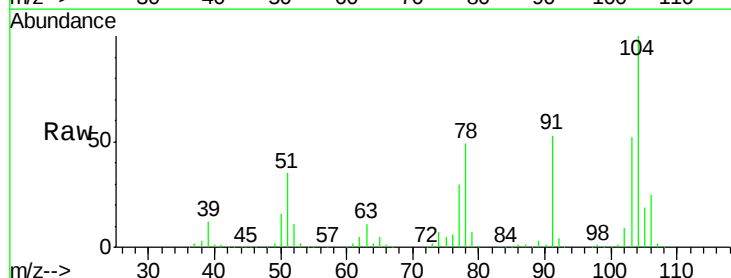


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

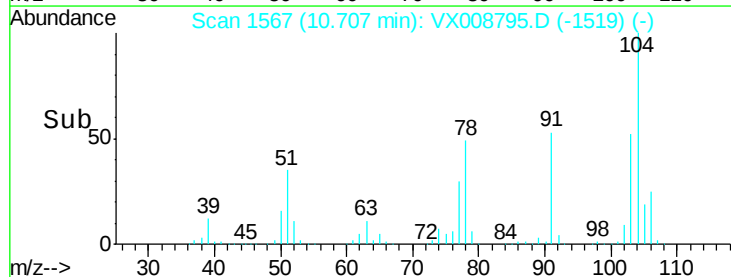
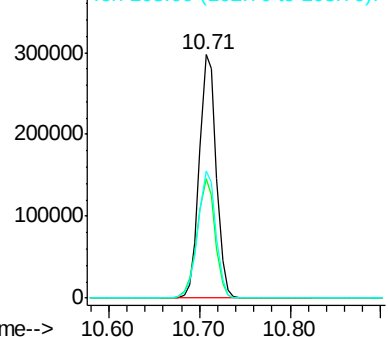


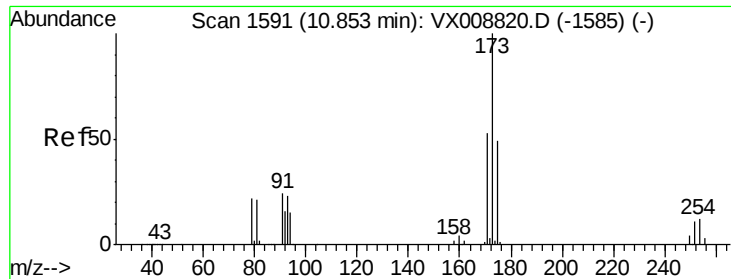
#70
Styrene
Concen: 48.304 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Tgt Ion:104 Resp: 386995
Ion Ratio Lower Upper
104 100
78 52.5 42.3 63.5
103 55.5 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 50.204 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

Instrument :

MSVOA_X

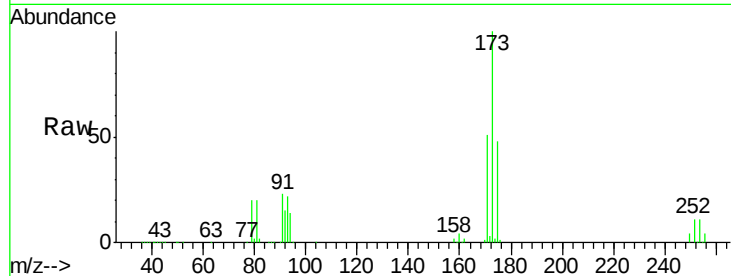
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.9	74.6
254	0.2	0.1	0.1#

Manual Integrations
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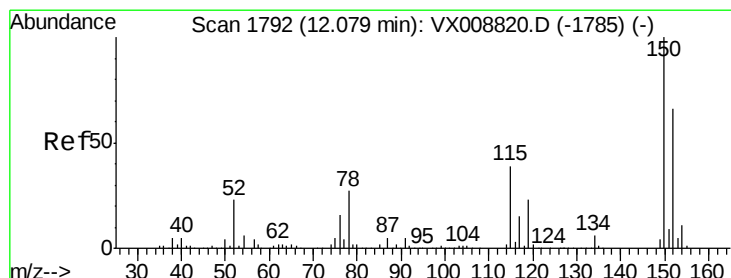
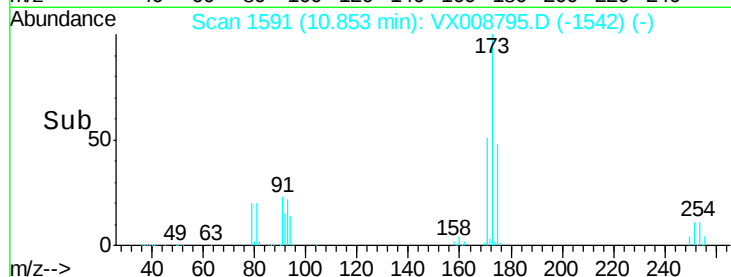
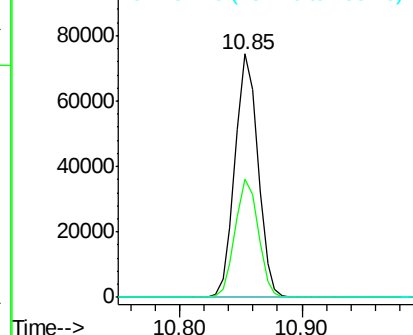


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

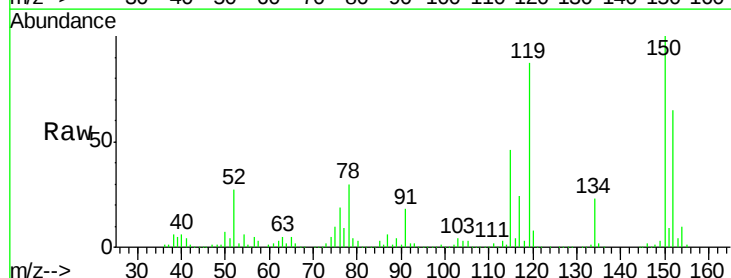
RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	84.2	43.5	130.5
150	173.0	0.0	348.8

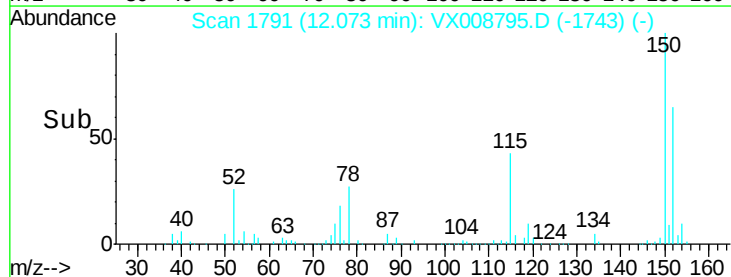
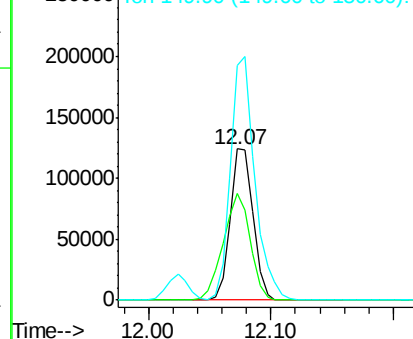


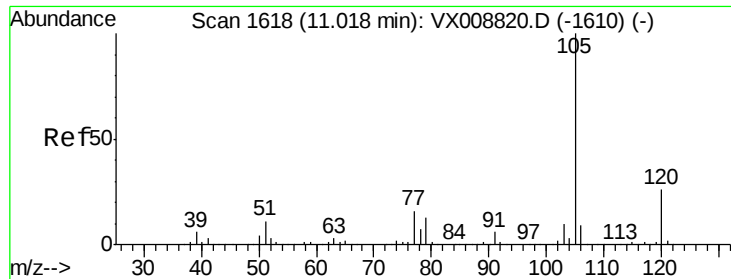
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 44.886 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 587952

Ion Ratio Lower Upper

105 100

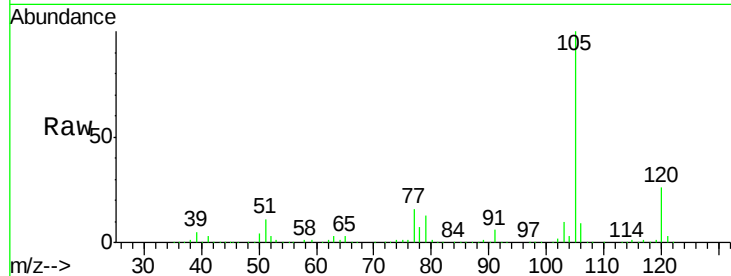
120 25.9 12.9 38.6

Manual Integrations

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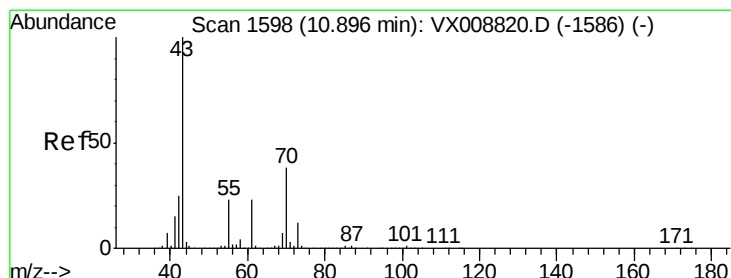
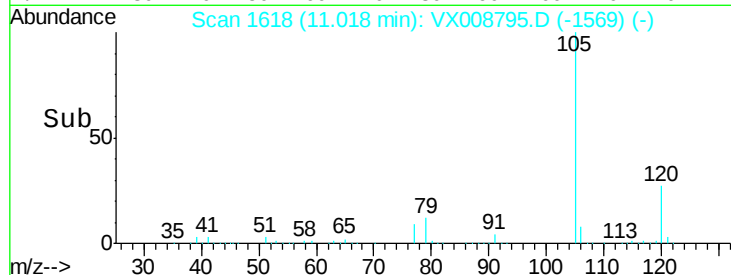
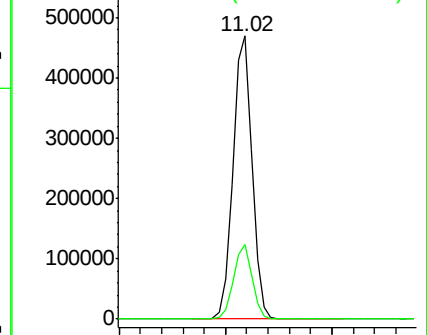
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 43.396 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

Tgt Ion: 43 Resp: 334433

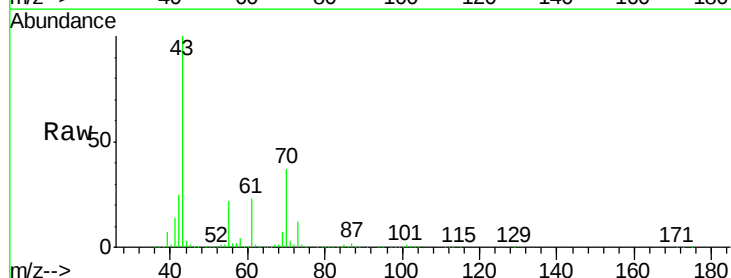
Ion Ratio Lower Upper

43 100

70 37.1 30.2 45.4

55 22.2 18.2 27.4

61 22.6 18.6 28.0

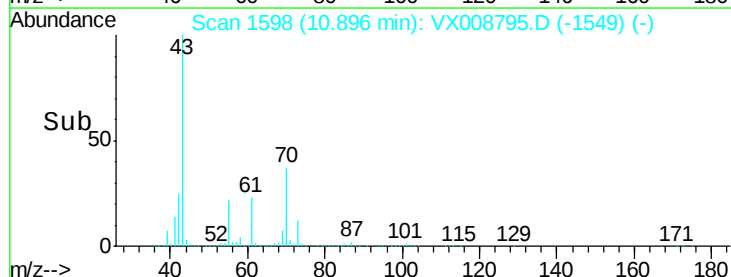
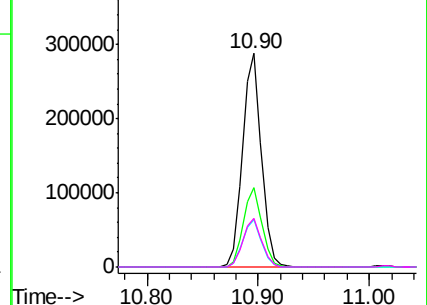


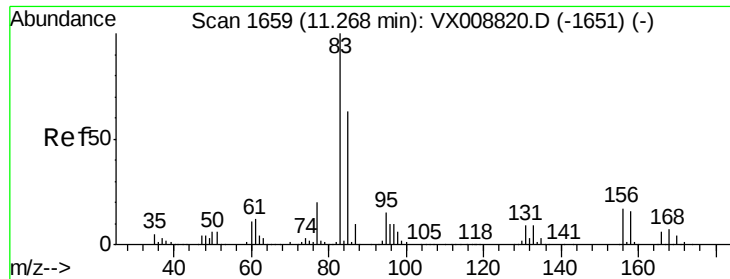
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 40.928 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

Instrument :

MSVOA_X

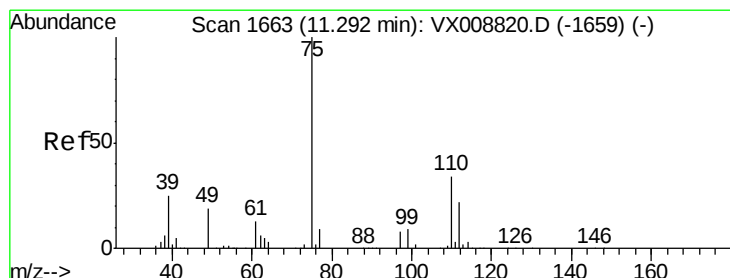
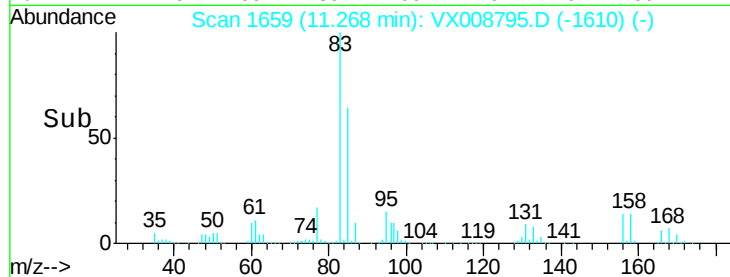
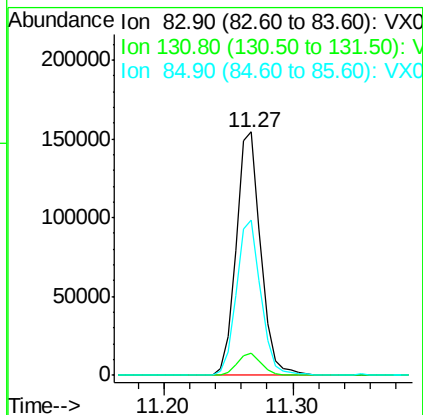
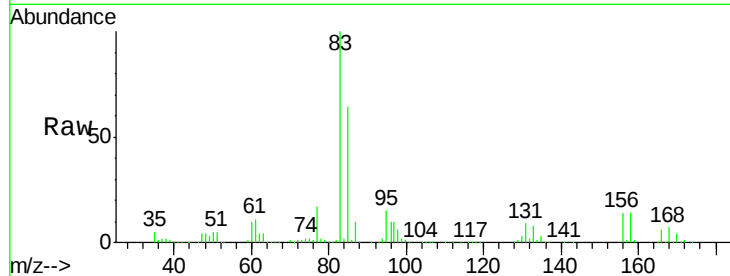
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	203888
Ion Ratio	Lower	Upper	
83	100		
131	9.1	4.5	13.7
85	63.9	32.0	96.2

Manual Integrations
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MMDadoda
4/11/2019 11:48:23 AM



#76

1,2,3-Trichloropropane

Concen: 41.899 ug/l m

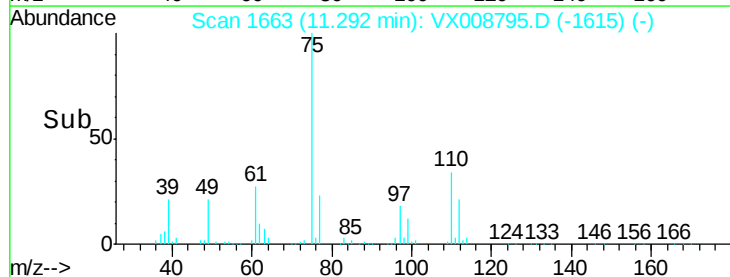
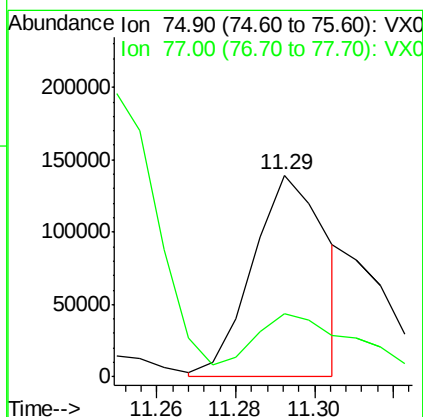
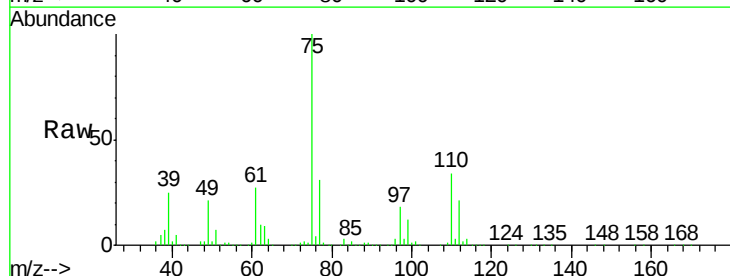
RT: 11.29 min Scan# 1663

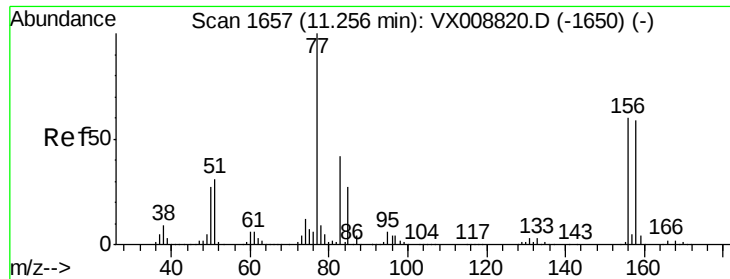
Delta R.T. -0.01 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

Tgt Ion:	75	Resp:	181925
Ion Ratio	Lower	Upper	
75	100		
77	43.4	22.3	66.8





#77

Bromobenzene

Concen: 45.411 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

Instrument :

MSVOA_X

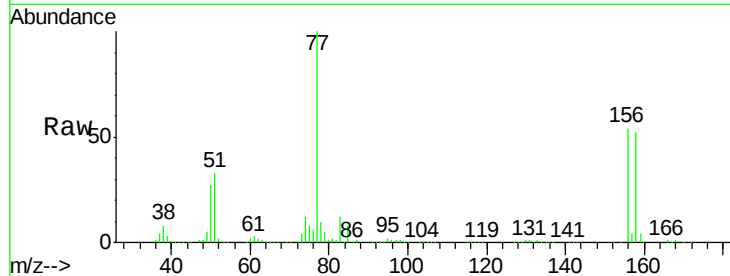
ClientSampled :

VSTDCCC050

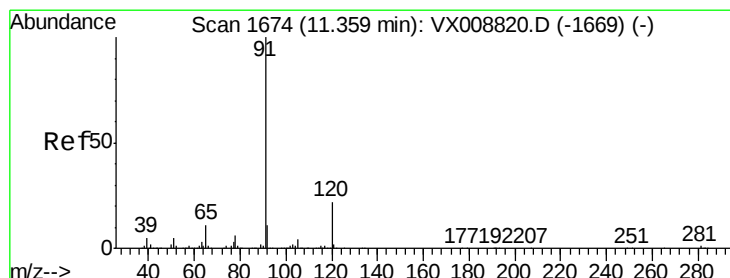
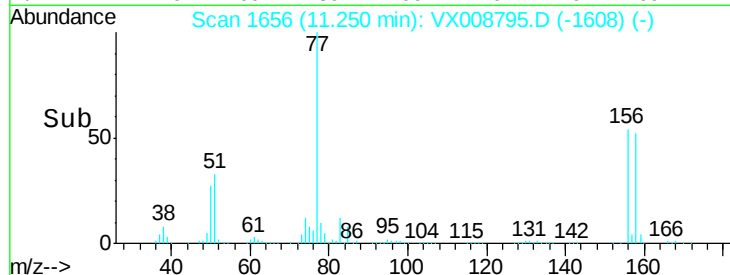
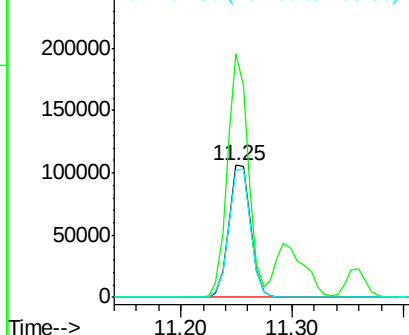
Tot Ion:	156	Resp:	142998
Ion Ratio	Lower	Upper	
156	100		
77	176.0	89.8	269.6
158	97.0	48.6	145.9

Manual Integrations
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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.330 ug/l

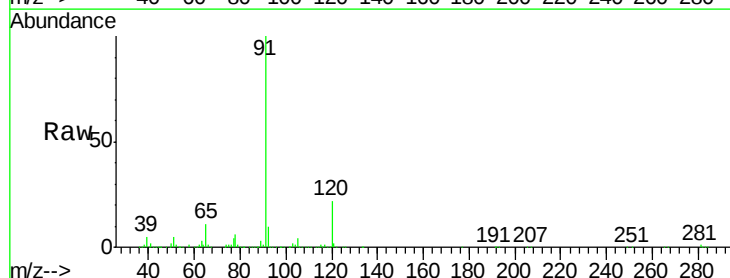
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

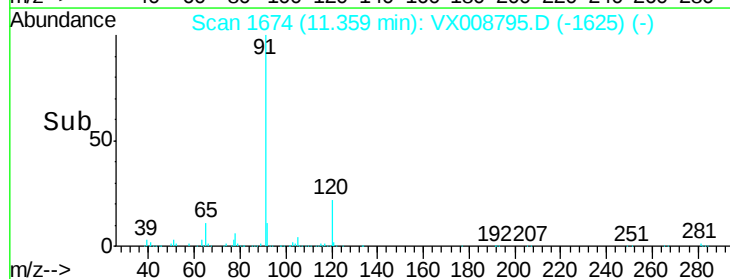
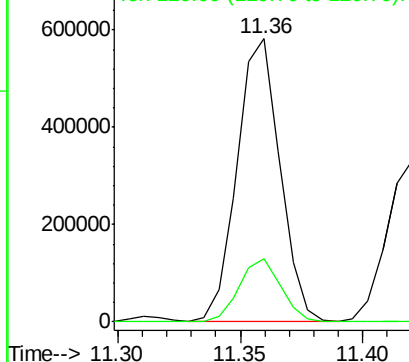
Lab File: VX008795.D

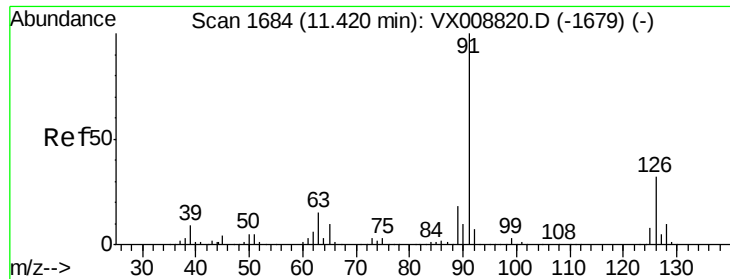
Acq: 10 Apr 2019 09:51

Tgt Ion:	91	Resp:	706617
Ion Ratio	Lower	Upper	
91	100		
120	22.0	10.9	32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 44.095 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 406987

Ion Ratio Lower Upper

91 100

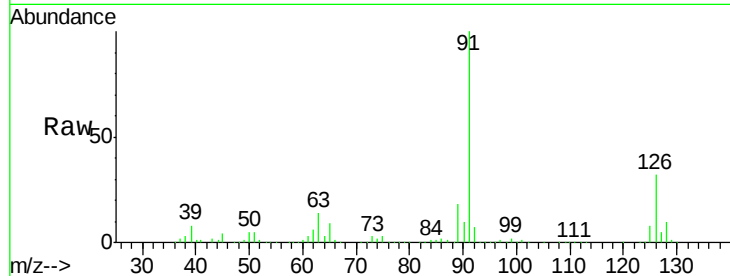
126 32.2 16.1 48.3

Manual Integrations

APPROVED

MMDadoda

4/11/2019 11:48:23 AM



Abundance Ion 91.00 (90.70 to 91.70): VX008820.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008820.D (-1679) (-)

600000

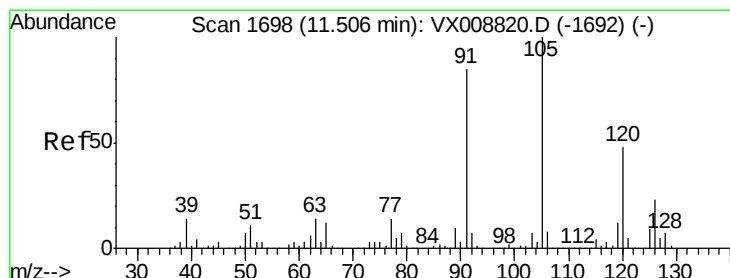
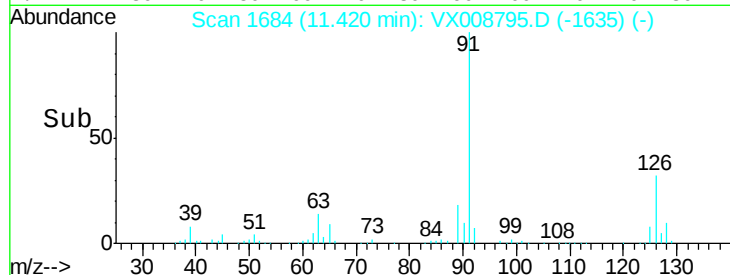
400000

200000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 45.490 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008795.D

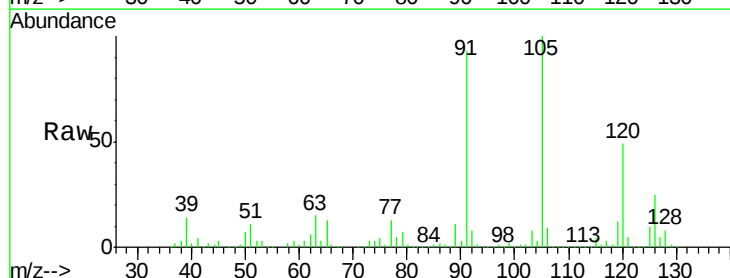
Acq: 10 Apr 2019 09:51

Tgt Ion:105 Resp: 500175

Ion Ratio Lower Upper

105 100

120 47.7 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): VX008820.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008820.D (-1692) (-)

400000

300000

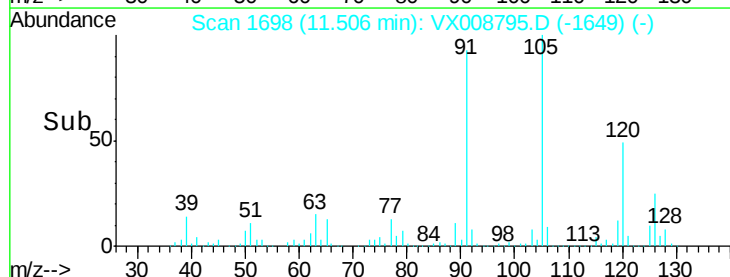
200000

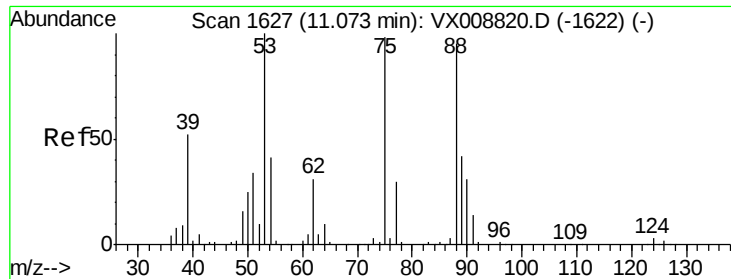
100000

0

11.40 11.50 11.60

Time-->





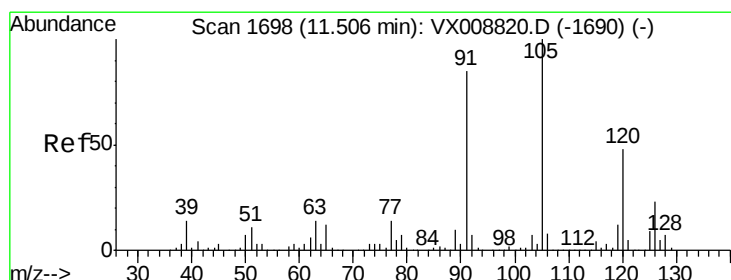
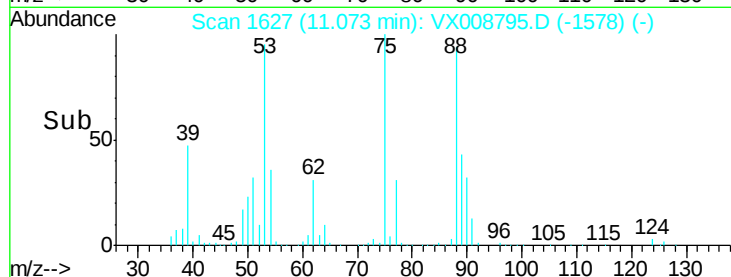
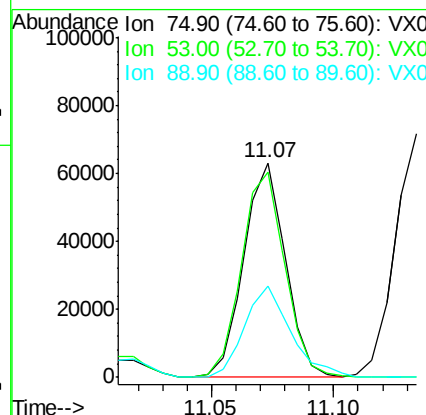
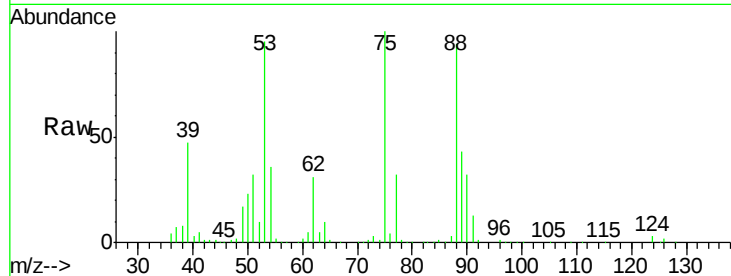
#81
trans-1,4-Dichloro-2-butene
Concen: 47.194 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.3	81.3	121.9
89	48.0	35.6	53.4

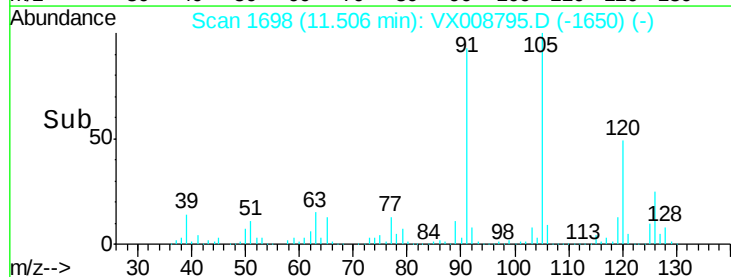
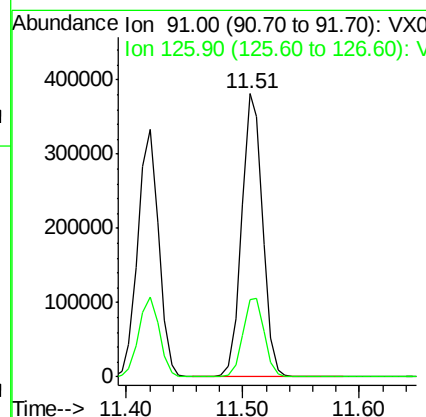
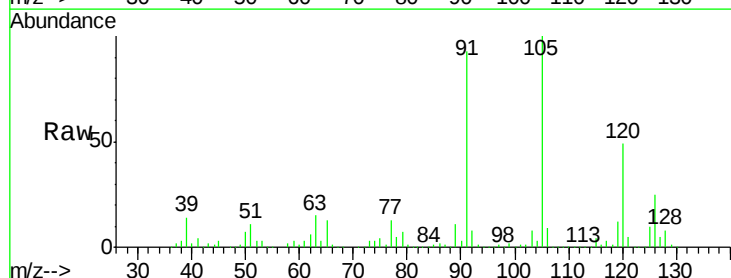
Manual Integrations
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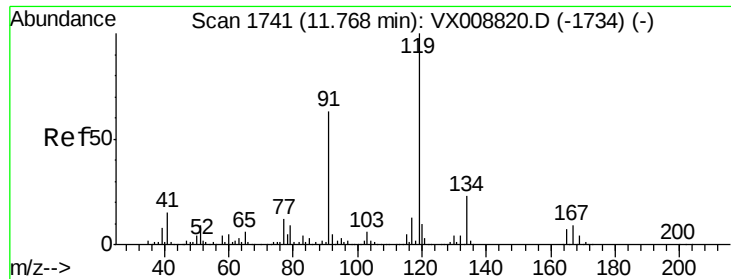
MMDadoda
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#82
4-Chlorotoluene
Concen: 44.648 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.5	13.9	41.6





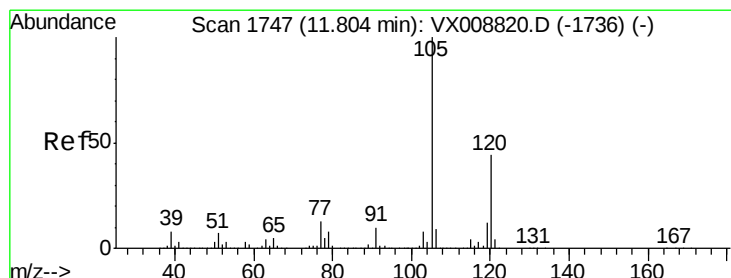
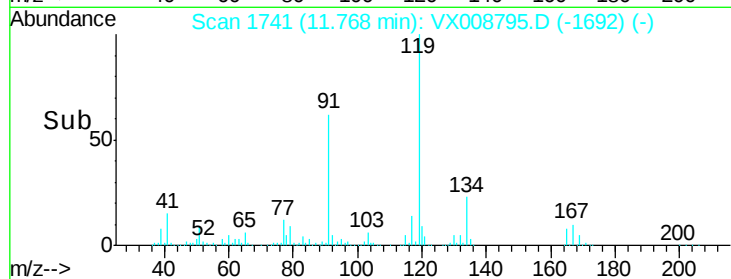
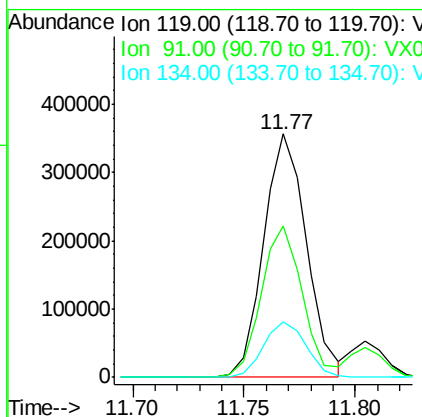
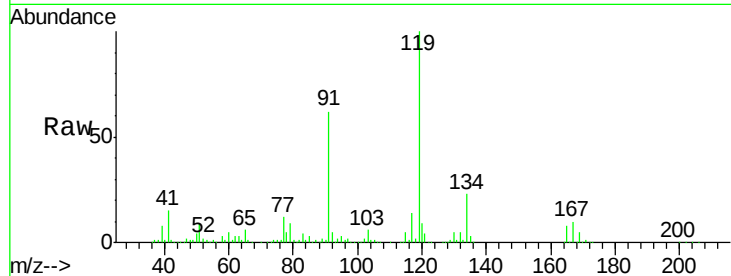
#83
tert-Butylbenzene
Concen: 44.973 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.6	30.0	90.1
134	22.5	11.1	33.3

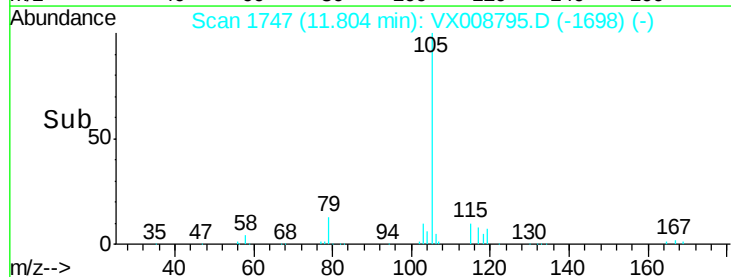
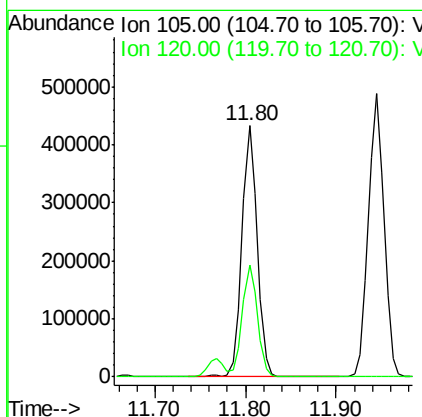
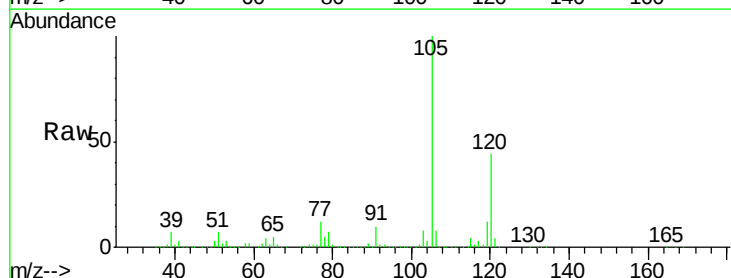
Manual Integrations
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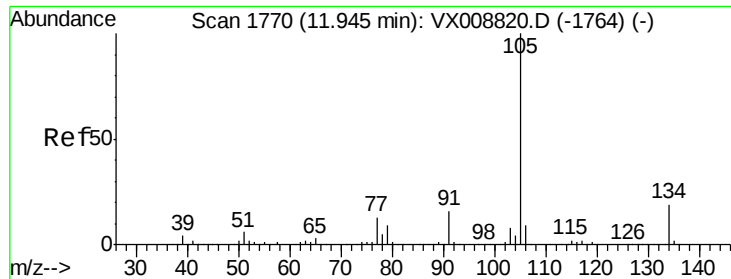
MMDadoda
4/11/2019 11:48:23 AM



#84
1,2,4-Trimethylbenzene
Concen: 45.312 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	21.8	65.3





#85

sec-Butylbenzene

Concen: 46.828 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 588408

Ion Ratio Lower Upper

105 100

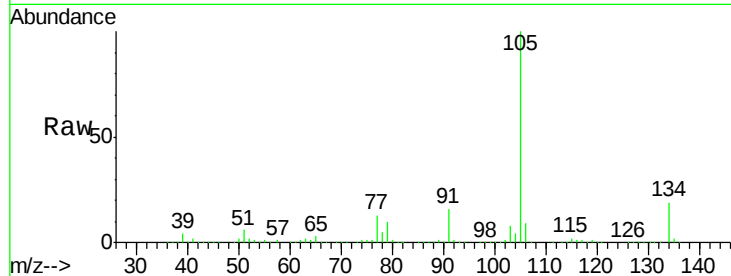
134 19.2 9.4 28.2

Manual Integrations

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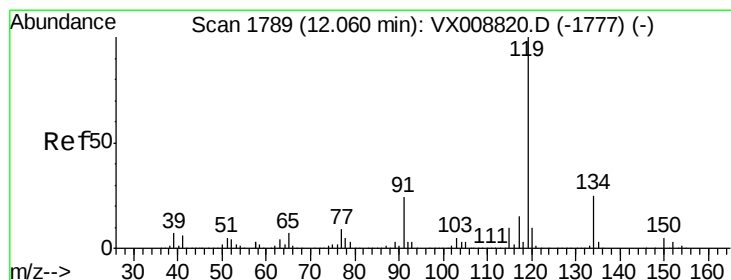
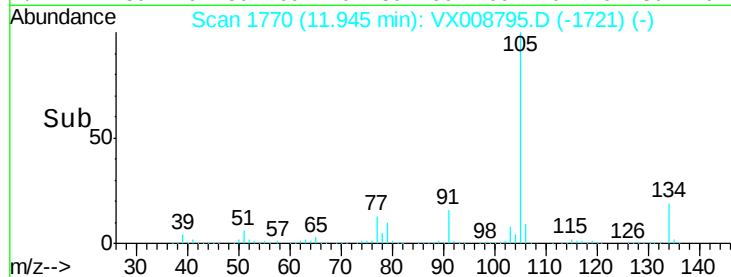
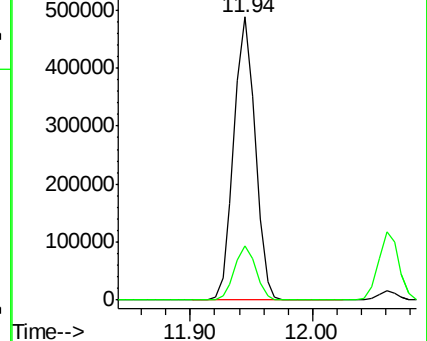
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.418 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008795.D

Acq: 10 Apr 2019 09:51

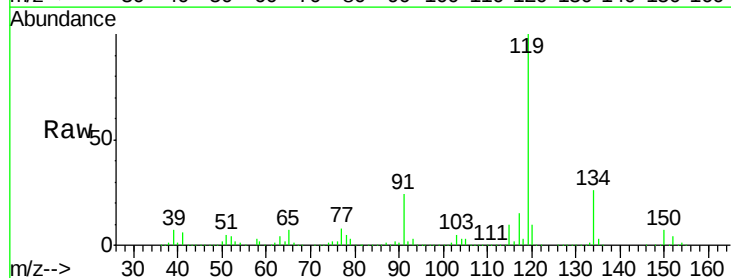
Tgt Ion:119 Resp: 534767

Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.4

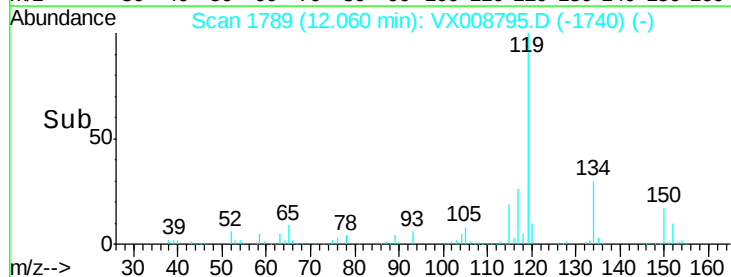
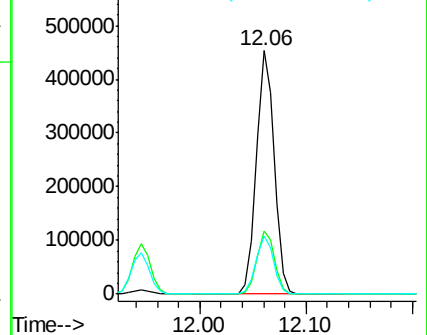
91 23.7 12.2 36.6

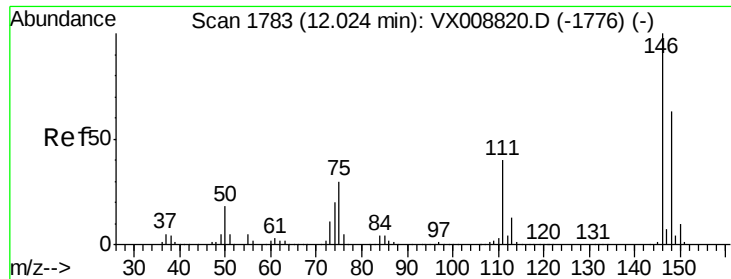


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





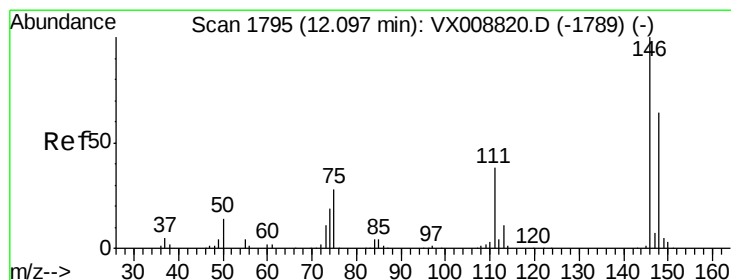
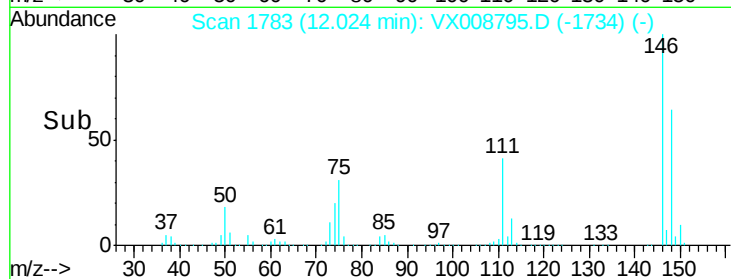
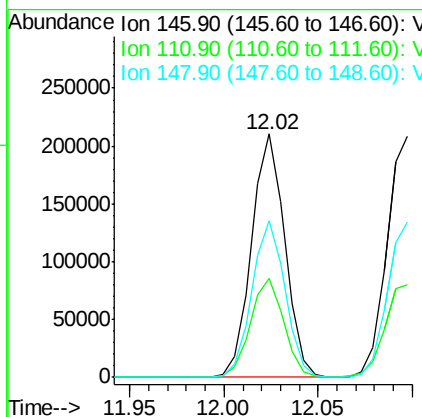
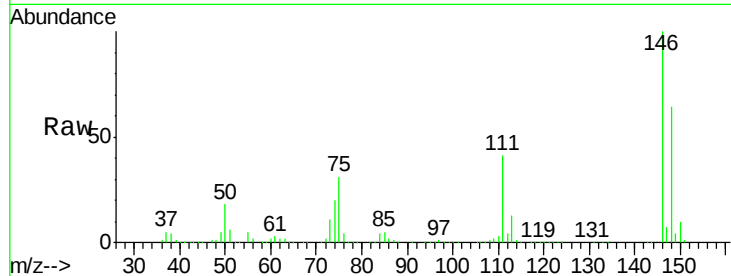
#87
 1,3-Dichlorobenzene
 Concen: 45.734 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008795.D
 Acq: 10 Apr 2019 09:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.5	61.5
148	63.9	31.6	94.7

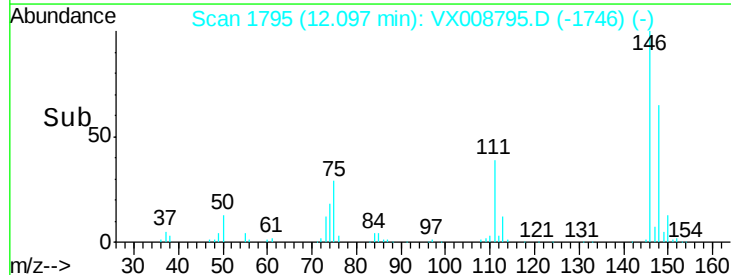
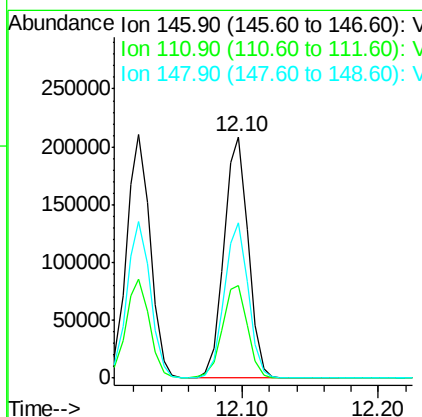
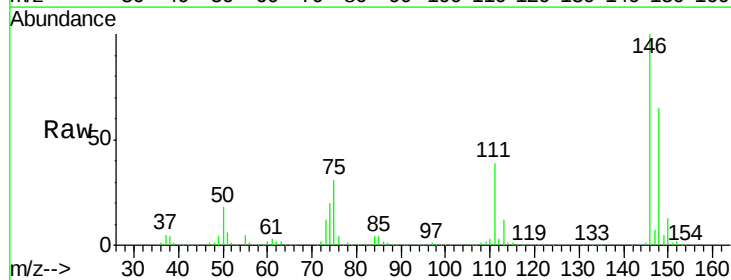
Manual Integrations
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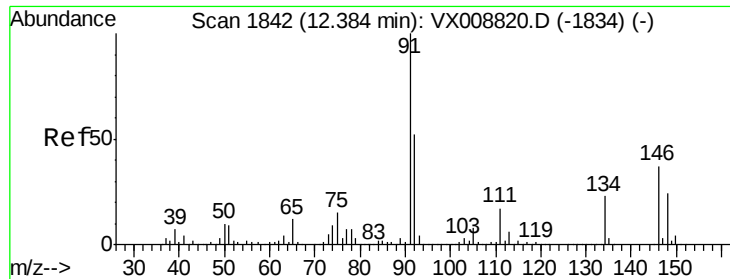
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 4/11/2019 11:48:23 AM



#88
 1,4-Dichlorobenzene
 Concen: 45.037 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008795.D
 Acq: 10 Apr 2019 09:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.2	60.6
148	63.9	32.0	96.0





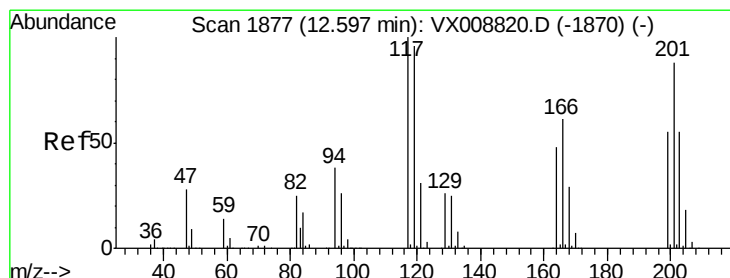
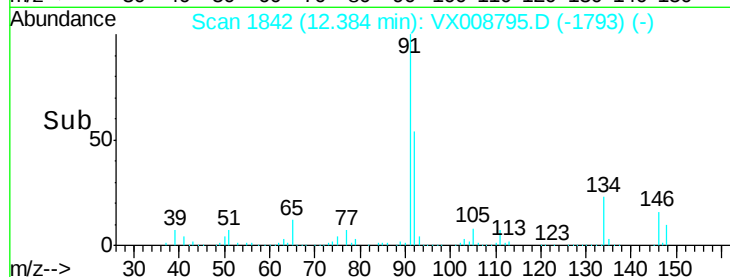
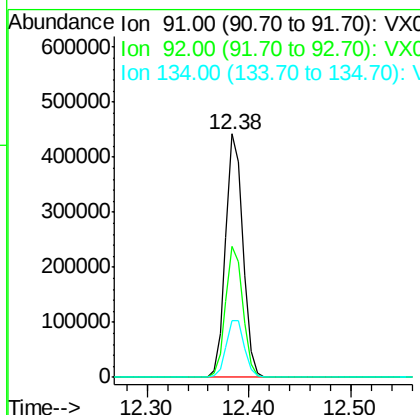
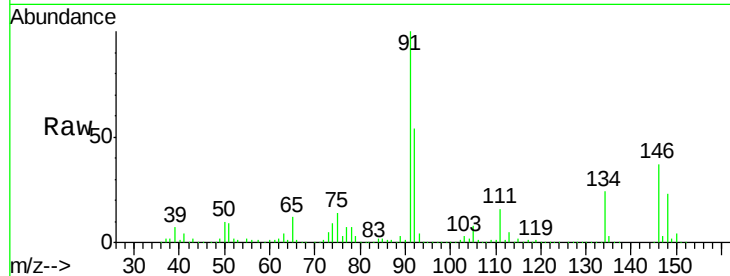
#89
n-Butylbenzene
Concen: 49.338 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.4	79.2
134	24.6	12.0	36.0

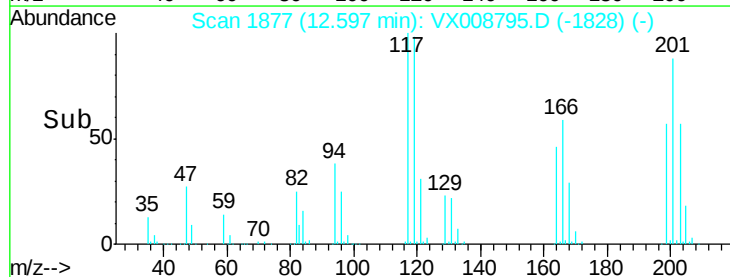
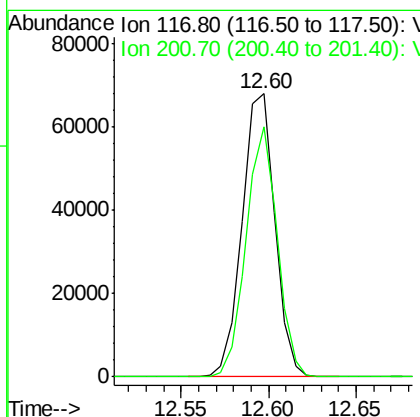
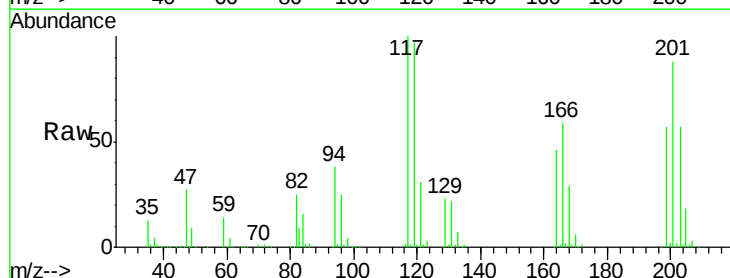
Manual Integrations
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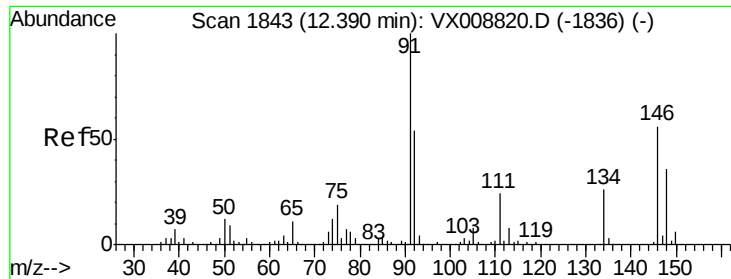
MMDadoda
4/11/2019 11:48:23 AM



#90
Hexachloroethane
Concen: 47.483 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.8	40.6	122.0





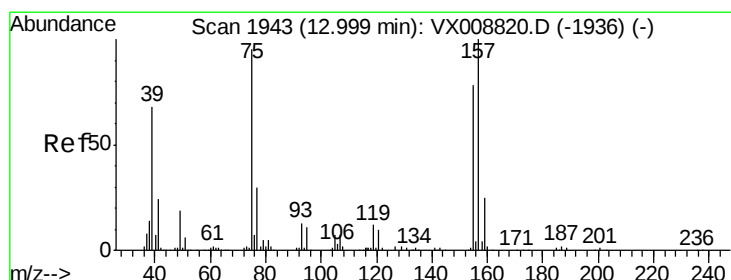
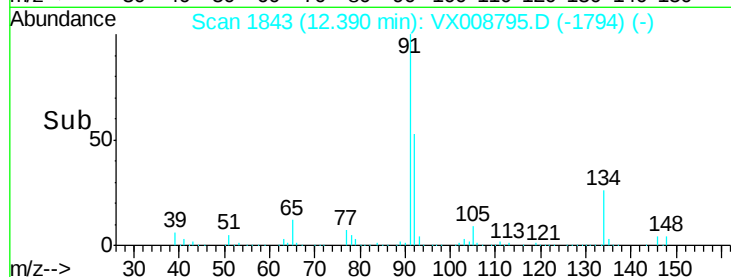
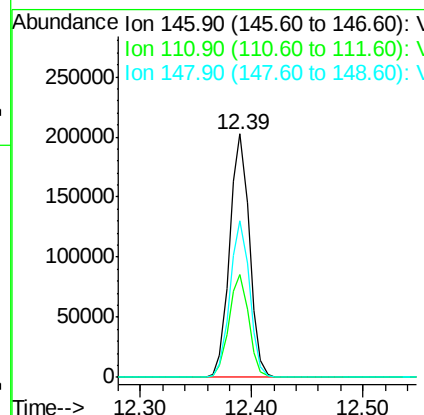
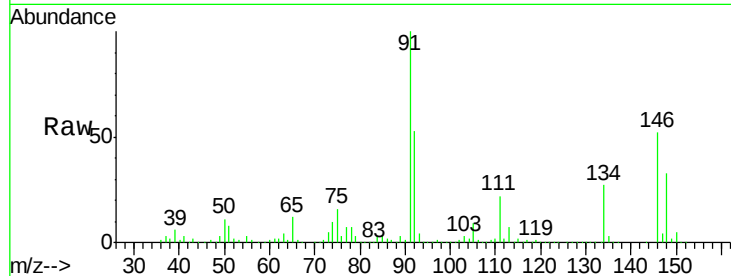
#91
 1,2-Dichlorobenzene
 Concen: 44.508 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008795.D
 Acq: 10 Apr 2019 09:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.3	63.9
148	63.8	31.7	95.1

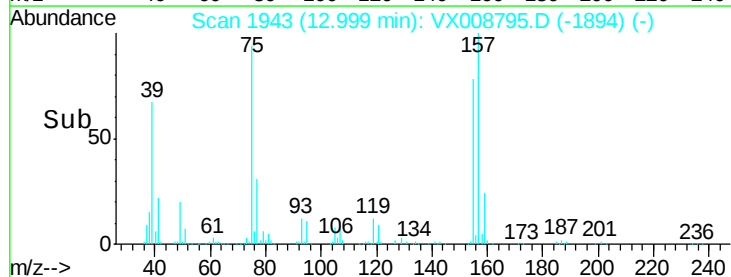
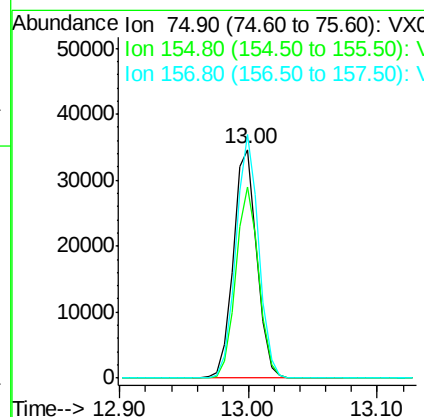
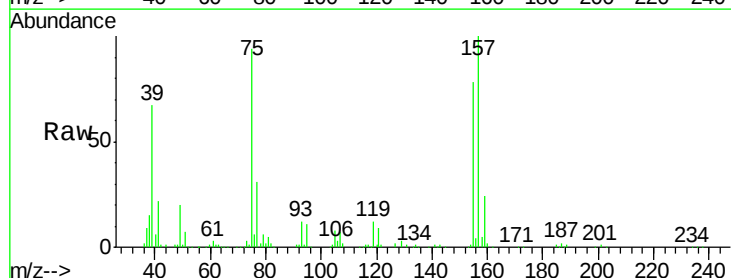
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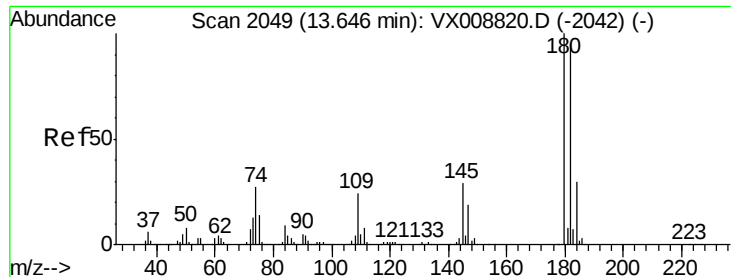
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.475 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008795.D
 Acq: 10 Apr 2019 09:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.0	39.9	119.6
157	102.5	51.5	154.7





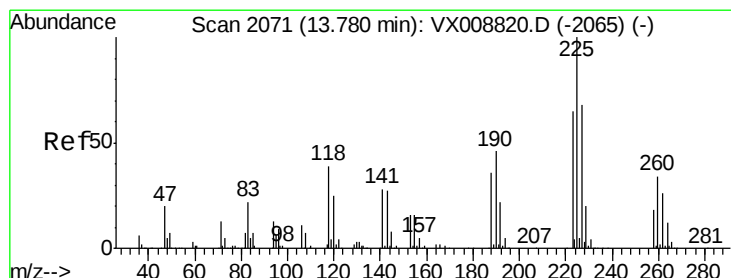
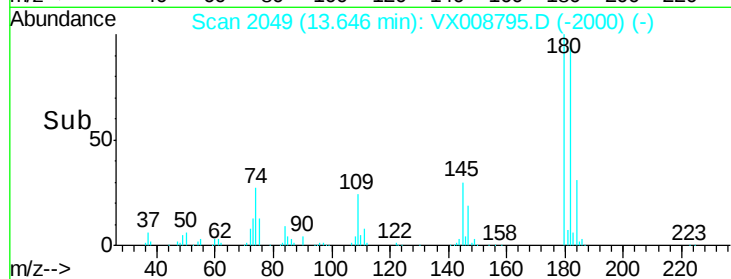
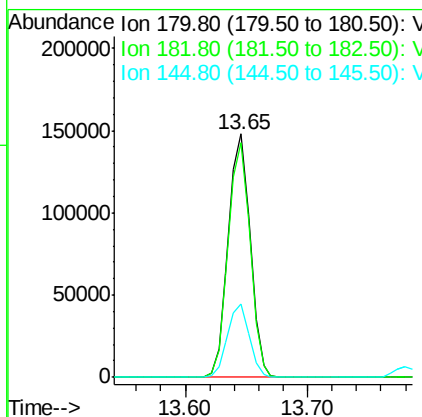
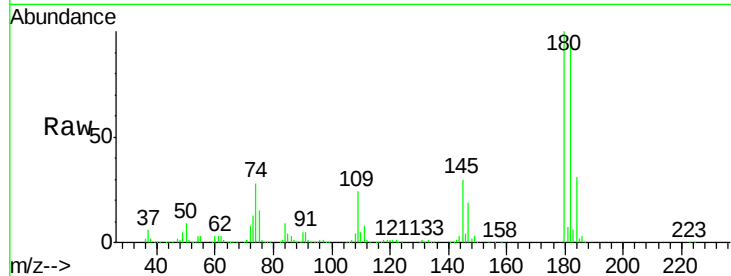
#93
 1,2,4-Trichlorobenzene
 Concen: 47.260 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008795.D
 Acq: 10 Apr 2019 09:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	183921
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.2	141.6
145	29.9	15.3	45.9

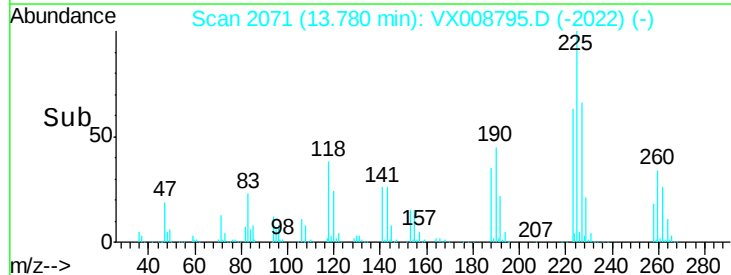
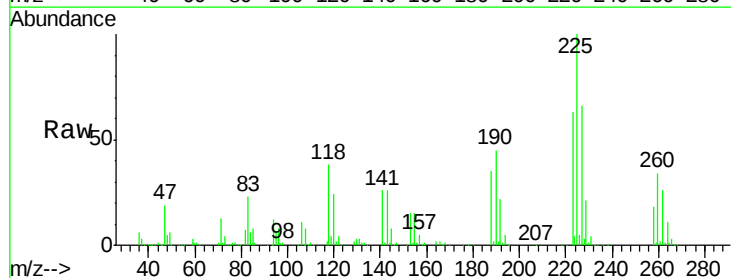
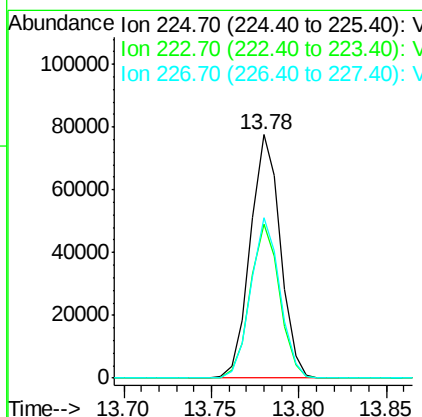
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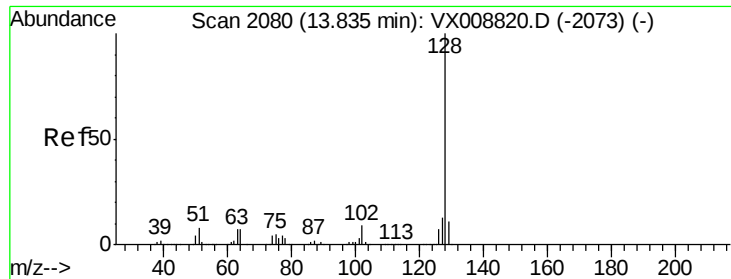
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#94
 Hexachlorobutadiene
 Concen: 49.603 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008795.D
 Acq: 10 Apr 2019 09:51

Tgt Ion:	225	Resp:	92578
Ion Ratio	Lower	Upper	
225	100		
223	61.9	31.2	93.6
227	63.8	31.9	95.5





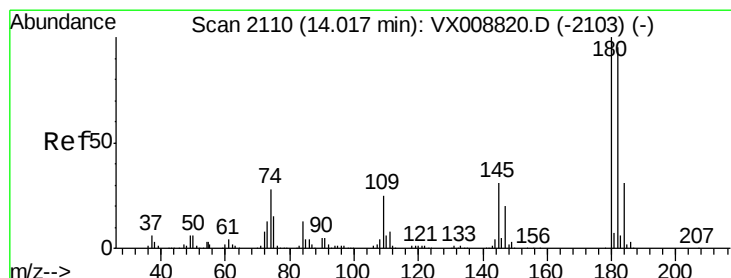
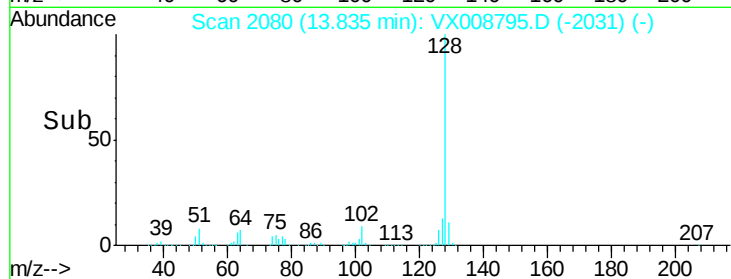
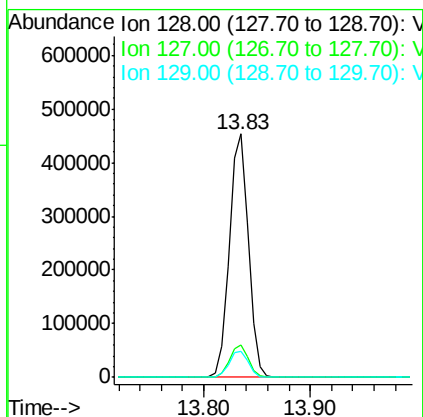
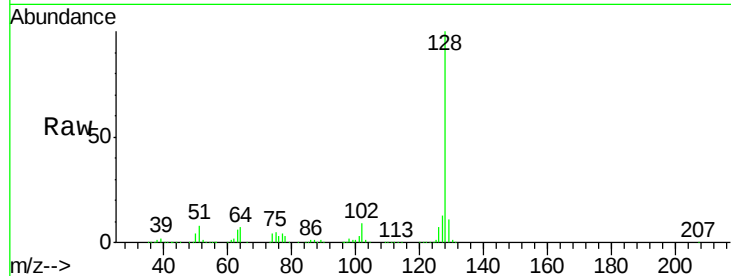
#95
Naphthalene
Concen: 43.703 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 45.918 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008795.D
Acq: 10 Apr 2019 09:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.1	144.3
145	31.3	16.3	48.8

