

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061919\
 Data File : VN056372.D
 Acq On : 19 Jun 2019 8:53
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 6/21/2019 10:52:01 PM

Quant Time: Jun 21 03:45:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:37:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	365342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	556981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	470286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	136095	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	2970	0.960	ug/l	96
3) Chloromethane	2.06	50	4453	1.057	ug/l	93
4) Vinyl Chloride	2.18	62	4086	1.004	ug/l	98
6) Chloroethane	2.66	64	2178	0.924	ug/l	95
7) Trichlorofluoromethane	2.99	101	5541	1.053	ug/l	97
8) Diethyl Ether	3.41	74	2237	1.004	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.75	101	3585	1.068	ug/l	92
12) 1,1-Dichloroethene	3.73	96	3210	0.995	ug/l	88
14) Allyl chloride	4.31	41	5196	0.967	ug/l	95
15) Acrylonitrile	5.00	53	9200m	4.876	ug/l	
16) Acetone	3.82	43	10528	5.190	ug/l	96
17) Carbon Disulfide	4.03	76	7185	0.979	ug/l	97
18) Methyl Acetate	4.33	43	9594m	1.888	ug/l	
19) Methyl tert-butyl Ether	5.05	73	10795	1.011	ug/l	98
20) Methylene Chloride	4.55	84	5443	1.305	ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	3601m	1.035	ug/l	
22) Diisopropyl ether	5.95	45	11527	1.022	ug/l #	86
23) Vinyl Acetate	5.90	43	37494	4.213	ug/l	96
24) 1,1-Dichloroethane	5.85	63	6537	1.009	ug/l #	84
25) 2-Butanone	6.85	43	12267	4.569	ug/l	92
26) 2,2-Dichloropropane	6.81	77	4617	1.025	ug/l #	70
27) cis-1,2-Dichloroethene	6.82	96	3970	0.975	ug/l	88
28) Bromochloromethane	7.19	49	3597m	1.123	ug/l	
29) Tetrahydrofuran	7.22	42	7688m	4.686	ug/l	
30) Chloroform	7.37	83	6565	1.027	ug/l	86
32) 1,1,1-Trichloroethane	7.56	97	4869	0.961	ug/l #	48
36) 1,1-Dichloropropene	7.79	75	5723	1.167	ug/l #	87
37) Ethyl Acetate	6.94	43	4076	0.846	ug/l #	88
38) Carbon Tetrachloride	7.77	117	4272	0.996	ug/l	84
39) Methylcyclohexane	9.08	83	6270	1.036	ug/l	95
40) Benzene	8.04	78	15971	1.059	ug/l	91
41) Methacrylonitrile	7.18	41	1761	0.828	ug/l #	93
42) 1,2-Dichloroethane	8.12	62	5481	1.101	ug/l	79
43) Isopropyl Acetate	8.17	43	6613	0.890	ug/l #	66

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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)
44) Trichloroethene	8.83	130	4171	1.027	ug/l	90
45) 1,2-Dichloropropane	9.11	63	4169	1.034	ug/l	98
46) Dibromomethane	9.21	93	2453	0.972	ug/l	96
47) Bromodichloromethane	9.40	83	4056	0.906	ug/l	99
48) Methyl methacrylate	9.21	41	3469	0.932	ug/l	97
49) 1,4-Dioxane	9.20	88	1592m	20.605	ug/l	
51) 4-Methyl-2-Pentanone	9.98	43	21936	4.575	ug/l	99
52) Toluene	10.15	92	9512	1.032	ug/l	93
53) t-1,3-Dichloropropene	10.38	75	3285	0.728	ug/l #	81
54) cis-1,3-Dichloropropene	9.84	75	4381	0.813	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	3625	0.978	ug/l	92
56) Ethyl methacrylate	10.43	69	4262	0.787	ug/l #	82
57) 1,3-Dichloropropane	10.71	76	5870	0.943	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	7871	4.045	ug/l	98
59) 2-Hexanone	10.75	43	16306	4.627	ug/l	88
60) Dibromochloromethane	10.90	129	2594	0.771	ug/l	97
61) 1,2-Dibromoethane	11.00	107	3493	0.923	ug/l	98
64) Tetrachloroethene	10.63	164	4067	1.092	ug/l	93
65) Chlorobenzene	11.43	112	9862	1.044	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	2794	0.875	ug/l #	66
67) Ethyl Benzene	11.51	91	17495	1.054	ug/l	95
68) m/p-Xylenes	11.62	106	11503	1.892	ug/l	93
69) o-Xylene	11.95	106	5877	0.977	ug/l	94
70) Styrene	11.96	104	8111	0.843	ug/l	97
71) Bromoform	12.13	173	1633	0.737	ug/l #	100
73) Isopropylbenzene	12.25	105	14868	1.241	ug/l	98
74) N-amyl acetate	12.07	43	4897	1.131	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.50	83	4782	1.279	ug/l #	94
76) 1,2,3-Trichloropropane	12.55	75	2704m	0.958	ug/l	
77) Bromobenzene	12.53	156	3597	1.182	ug/l	86
78) n-propylbenzene	12.59	91	14130	1.134	ug/l	99
79) 2-Chlorotoluene	12.67	91	9674	1.229	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	11709	1.199	ug/l	96
82) 4-Chlorotoluene	12.77	91	8521	1.158	ug/l	99
83) tert-Butylbenzene	12.99	119	12192	1.366	ug/l	90
84) 1,2,4-Trimethylbenzene	13.04	105	10266	1.121	ug/l	92
85) sec-Butylbenzene	13.17	105	12805	1.169	ug/l	96
86) p-Isopropyltoluene	13.29	119	9961	1.060	ug/l	96
87) 1,3-Dichlorobenzene	13.28	146	4740	1.028	ug/l	95
88) 1,4-Dichlorobenzene	13.36	146	4929m	1.104	ug/l	
89) n-Butylbenzene	13.61	91	7371	1.036	ug/l	95
90) Hexachloroethane	13.87	117	1655	1.129	ug/l	83
91) 1,2-Dichlorobenzene	13.65	146	4725	1.033	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	14.27	75	435	0.864	ug/l	84
93) 1,2,4-Trichlorobenzene	14.91	180	1504	0.786	ug/l	81
94) Hexachlorobutadiene	15.01	225	2147	1.225	ug/l	95
95) Naphthalene	15.13	128	3647	0.723	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.31	180	1637	0.789	ug/l	92

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ClientSampleId :
VSTDICC001

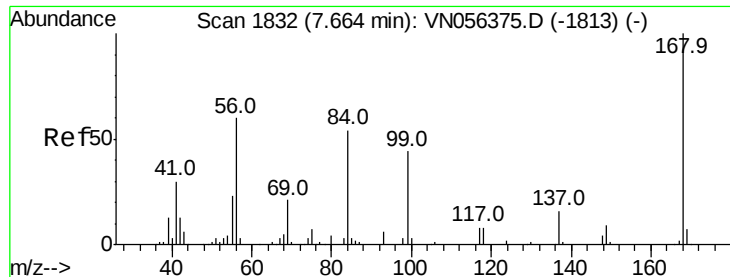
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 365342

Ion Ratio Lower Upper

168 100

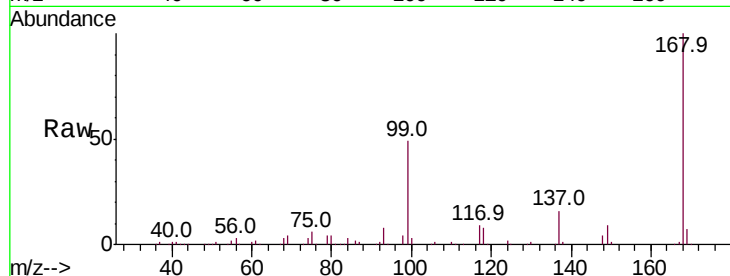
99 49.2 40.6 61.0

Manual Integrations

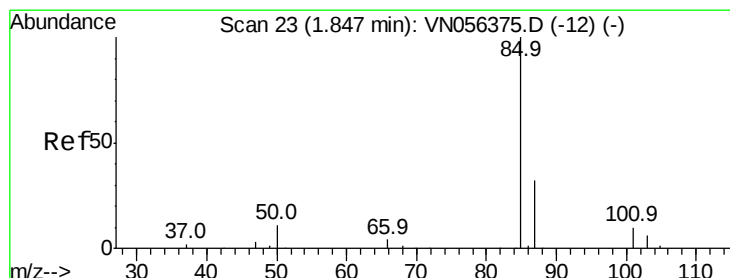
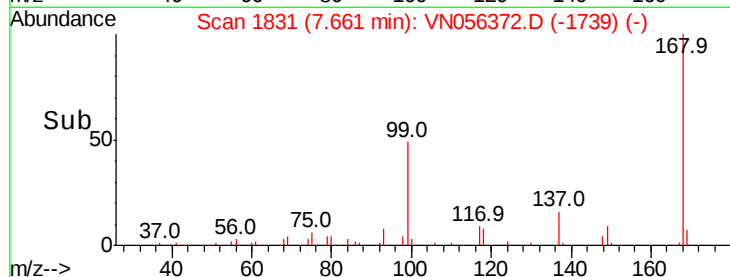
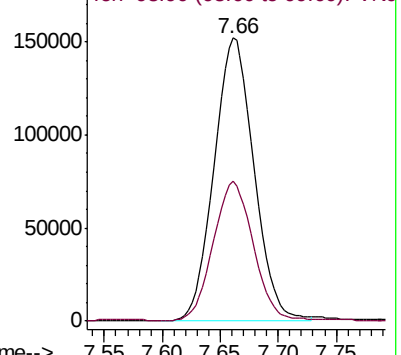
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Abundance Ion 167.90 (167.60 to 168.60): VN056375.D (-1813) (-)



#2

Dichlorodifluoromethane

Concen: 0.960 ug/l

RT: 1.84 min Scan# 22

Delta R.T. -0.00 min

Lab File: VN056372.D

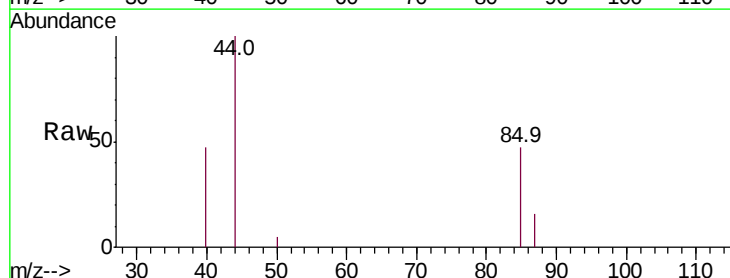
Acq: 19 Jun 2019 8:53

Tgt Ion: 85 Resp: 2970

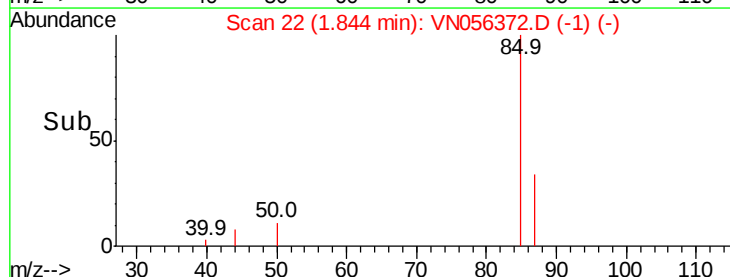
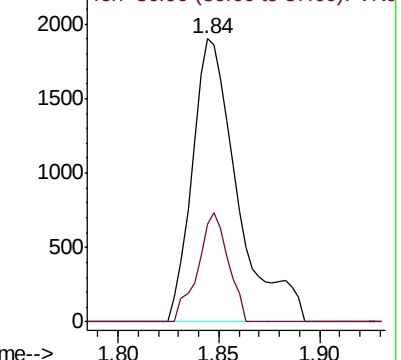
Ion Ratio Lower Upper

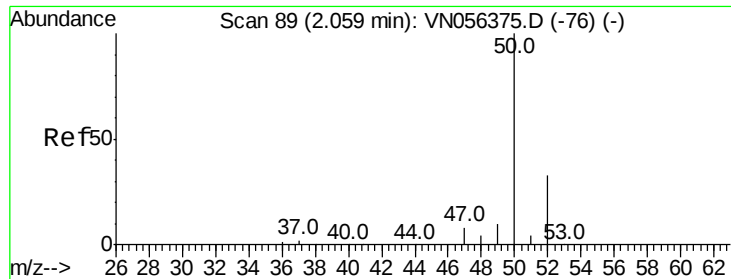
85 100

87 34.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN056375.D (-12) (-)





#3

Chloromethane

Concen: 1.057 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 4453

Ion Ratio Lower Upper

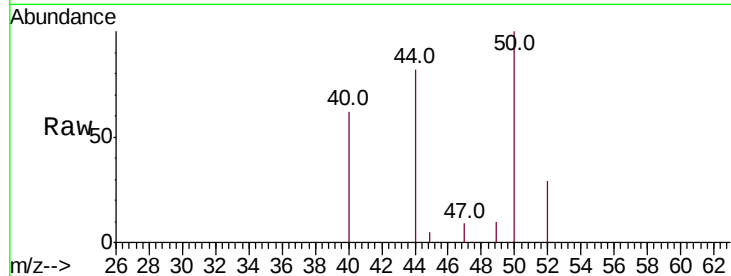
50 100

52 29.2 26.5 39.7

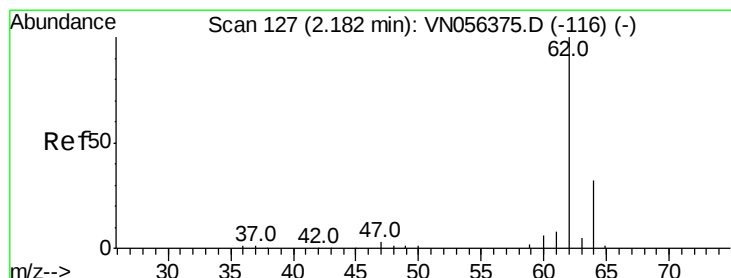
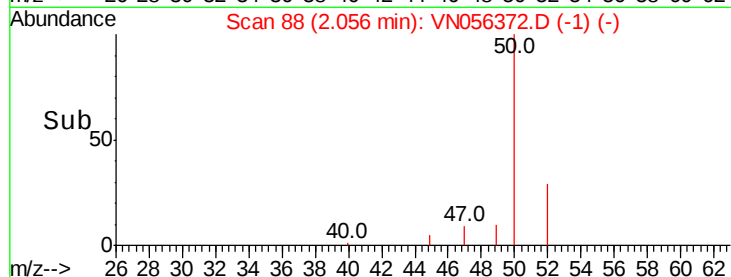
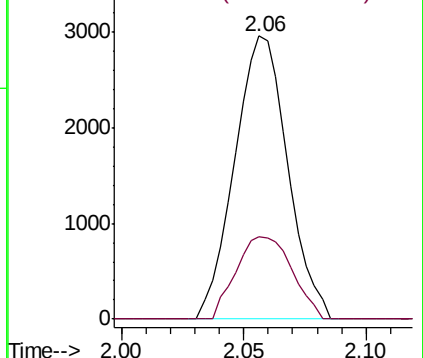
Manual Integrations
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Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 1.004 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN056372.D

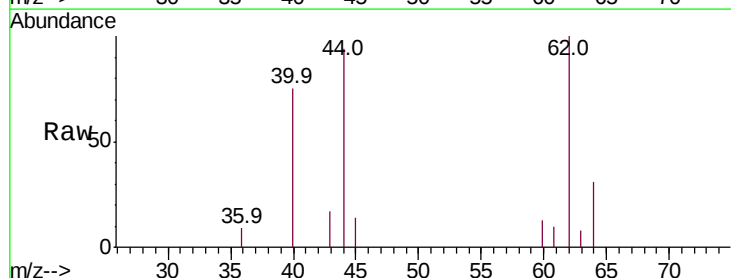
Acq: 19 Jun 2019 8:53

Tgt Ion: 62 Resp: 4086

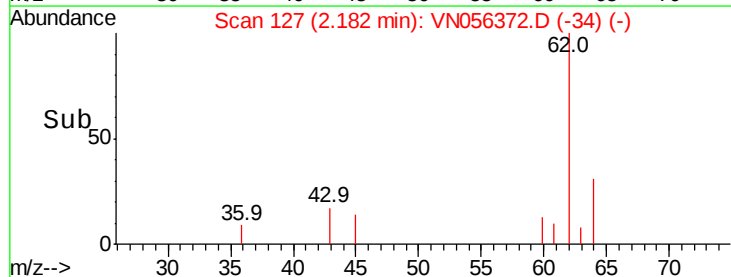
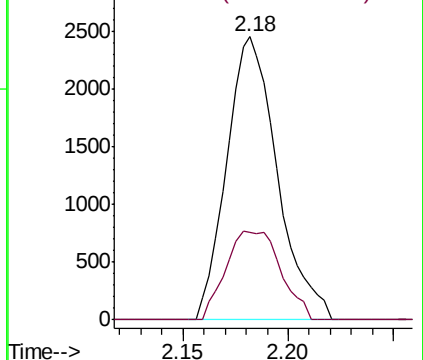
Ion Ratio Lower Upper

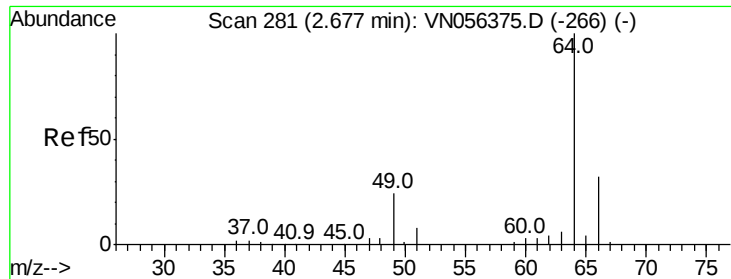
62 100

64 31.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#6

Chloroethane

Concen: 0.924 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.01 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 64 Resp: 2178

Ion Ratio Lower Upper

64 100

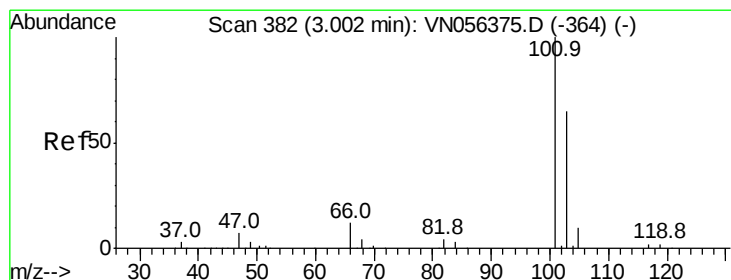
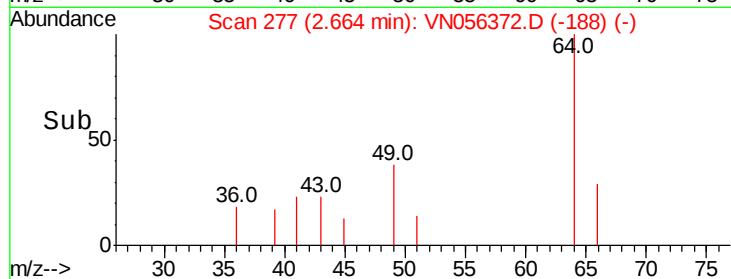
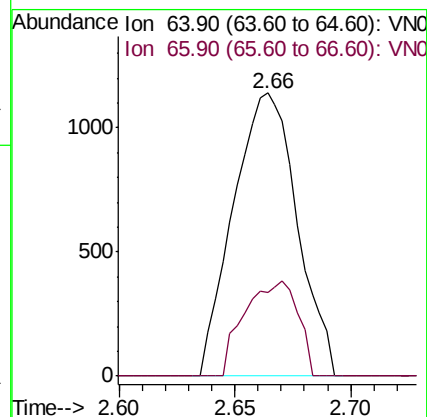
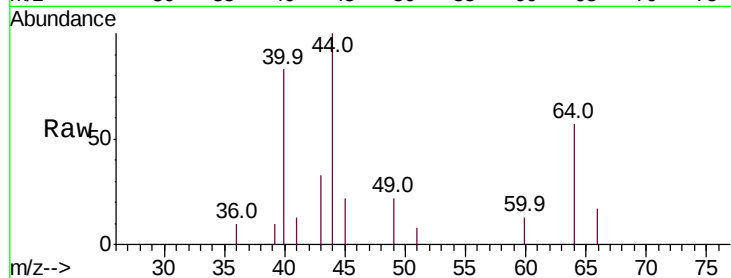
66 29.5 25.8 38.8

Manual Integrations

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#7

Trichlorofluoromethane

Concen: 1.053 ug/l

RT: 2.99 min Scan# 379

Delta R.T. -0.01 min

Lab File: VN056372.D

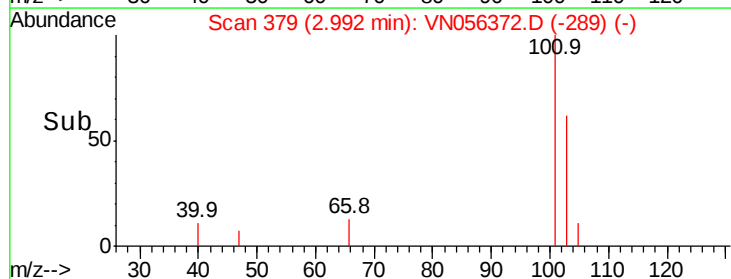
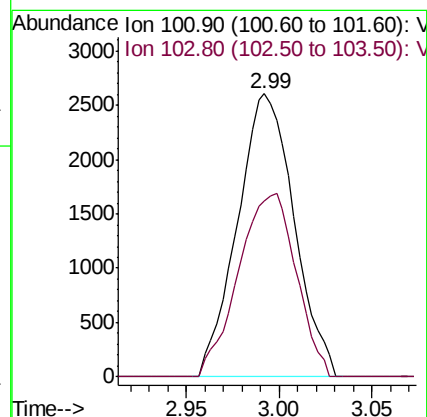
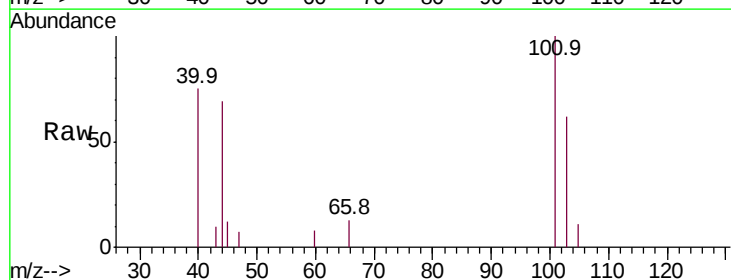
Acq: 19 Jun 2019 8:53

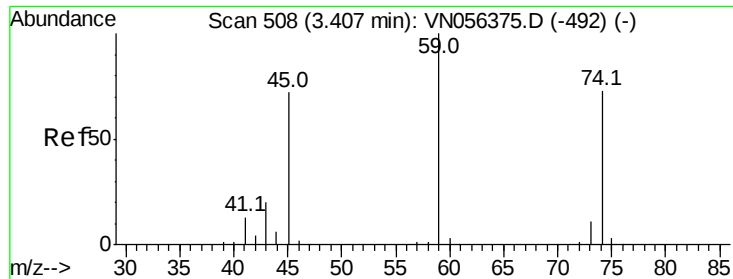
Tgt Ion: 101 Resp: 5541

Ion Ratio Lower Upper

101 100

103 62.1 51.7 77.5





#8

Diethyl Ether

Concen: 1.004 ug/l

RT: 3.41 min Scan# 509

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 2237

Ion Ratio Lower Upper

74 100

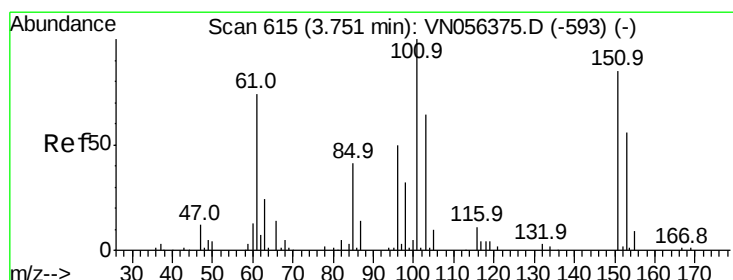
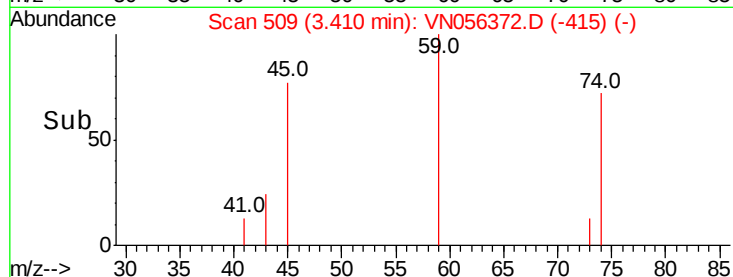
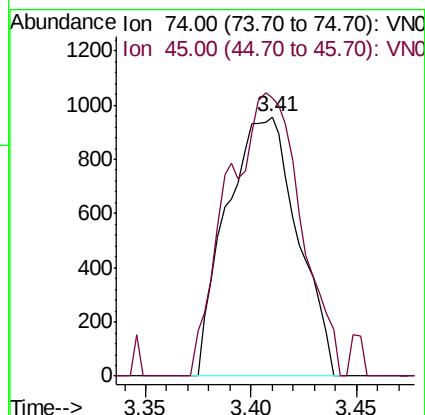
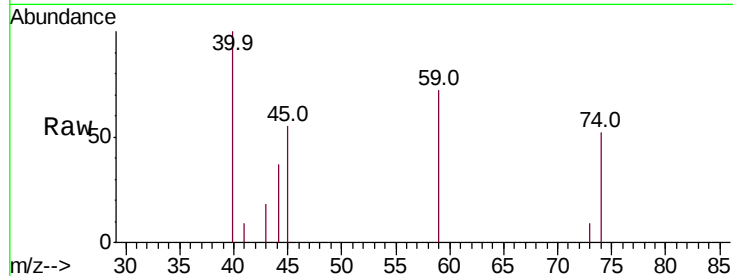
45 113.4 48.9 146.6

Manual Integrations

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6/21/2019 10:52:01 PM



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.068 ug/l

RT: 3.75 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

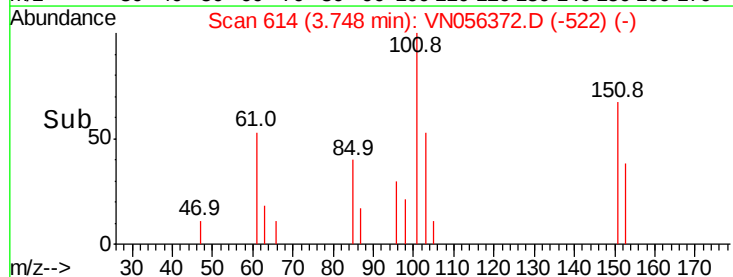
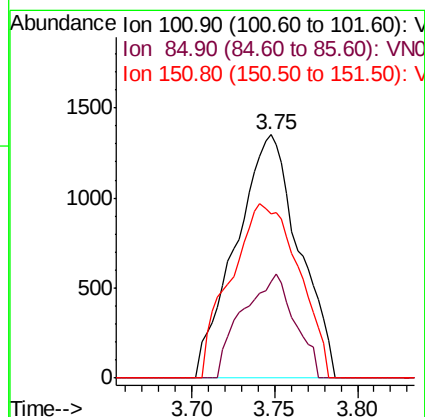
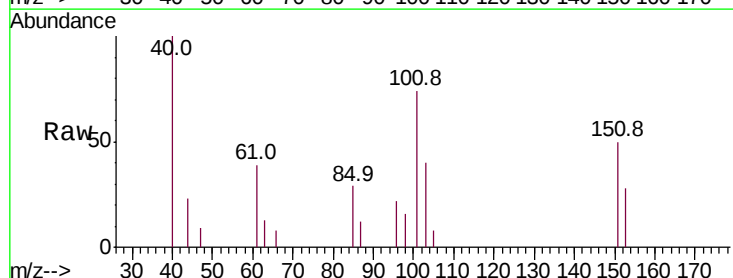
Tgt Ion: 101 Resp: 3585

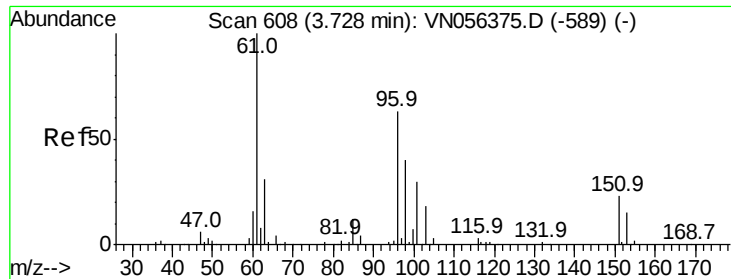
Ion Ratio Lower Upper

101 100

85 35.0 32.7 49.1

151 77.3 66.8 100.2





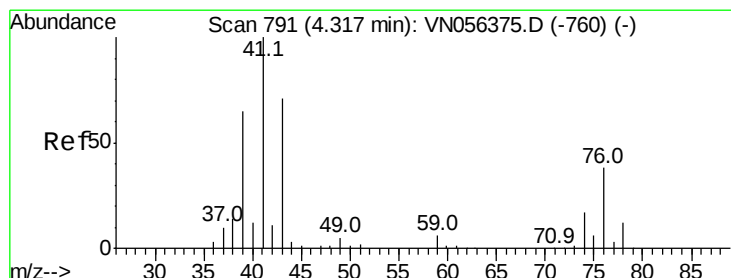
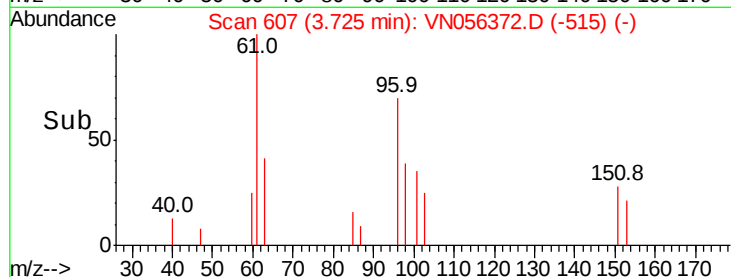
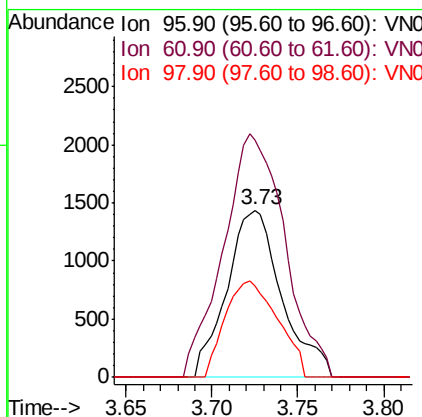
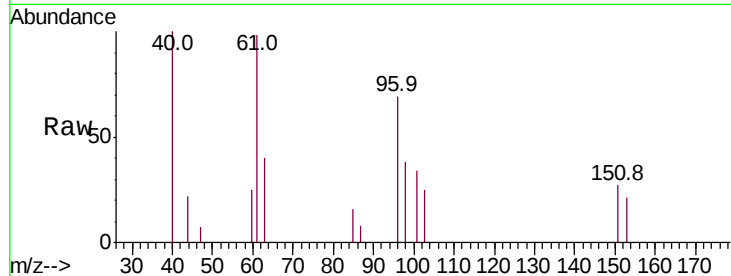
#12
 1,1-Dichloroethene
 Concen: 0.995 ug/l
 RT: 3.73 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.3	126.6	190.0
98	54.9	51.1	76.7

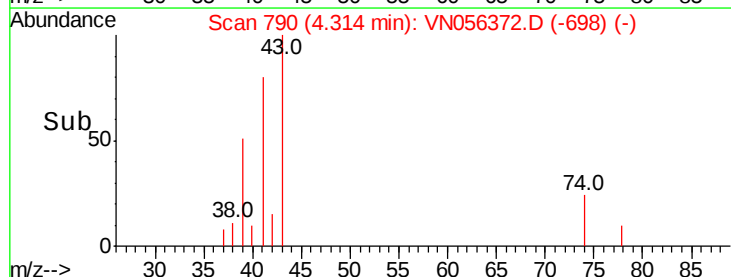
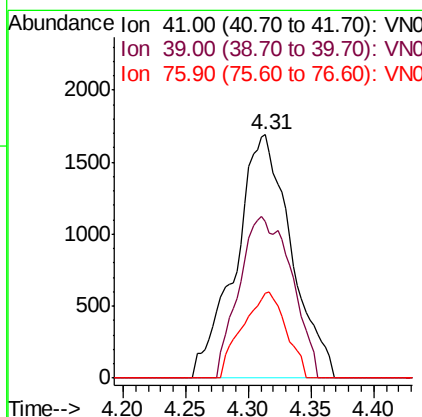
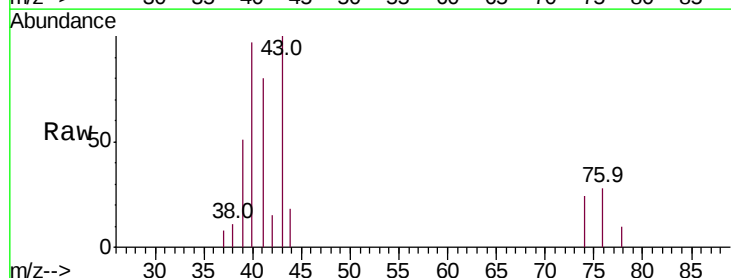
Manual Integrations
 APPROVED

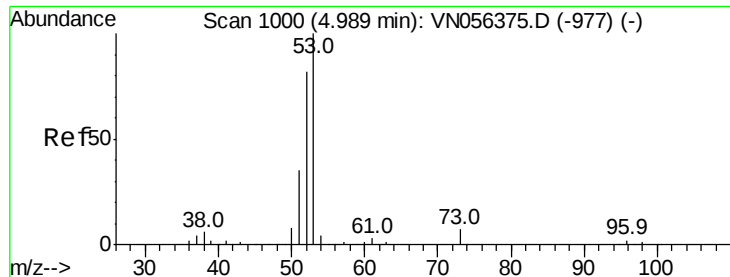
MMDadoda
 6/21/2019 10:52:01 PM



#14
 Allyl chloride
 Concen: 0.967 ug/l
 RT: 4.31 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.6	48.6	73.0
76	27.7	26.6	40.0





#15

Acrylonitrile

Concen: 4.876 ug/l m

RT: 5.00 min Scan# 1005

Delta R.T. 0.02 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

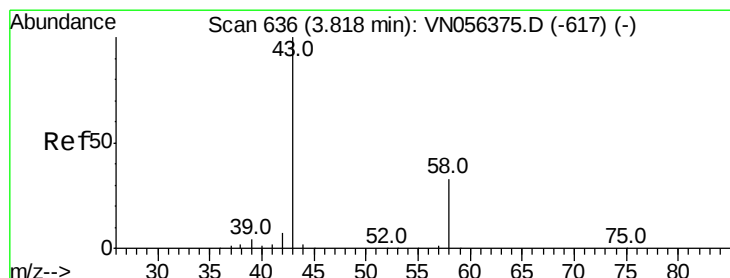
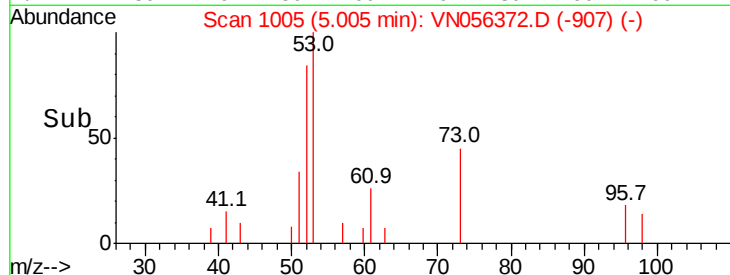
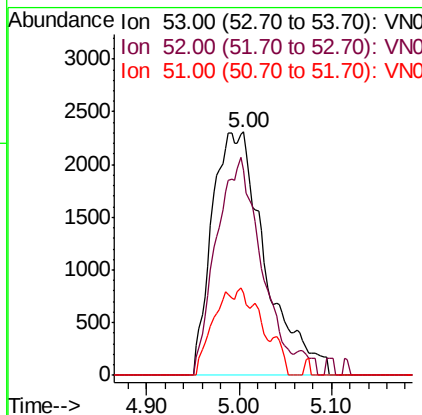
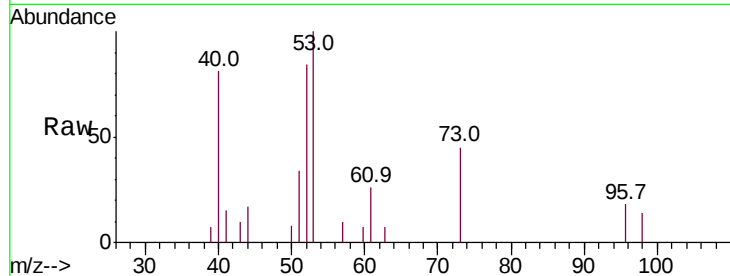
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	9200
Ion	Ratio	Lower	Upper
53	100		
52	75.3	65.9	98.9
51	14.8	28.3	42.5#

Manual Integrations
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MMDadoda
6/21/2019 10:52:01 PM



#16

Acetone

Concen: 5.190 ug/l

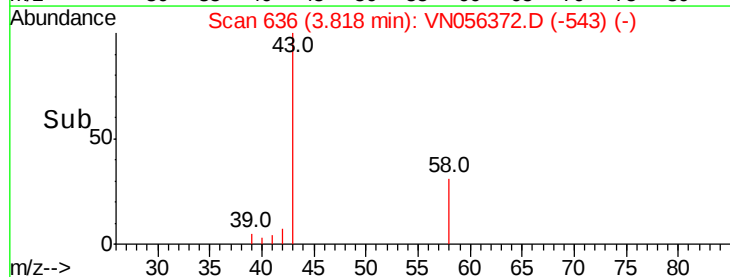
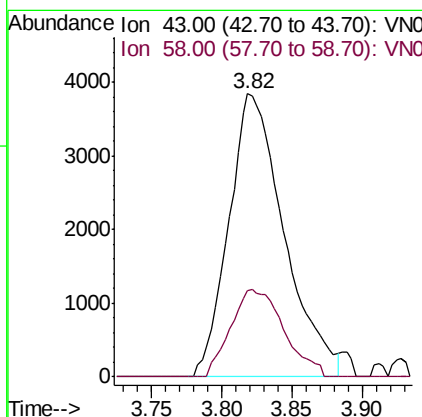
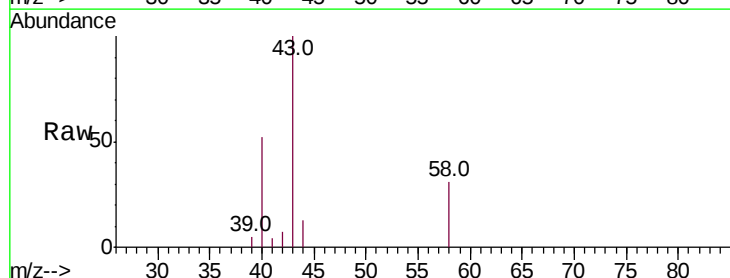
RT: 3.82 min Scan# 636

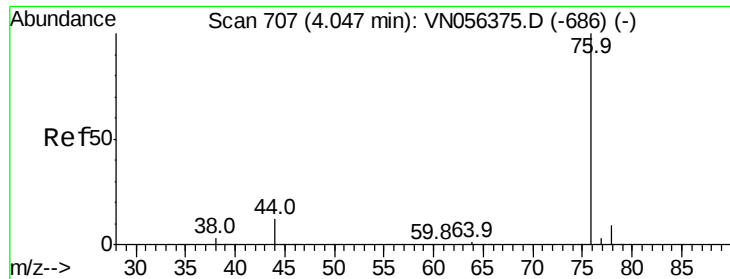
Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Tgt Ion:	43	Resp:	10528
Ion	Ratio	Lower	Upper
43	100		
58	30.6	26.4	39.6





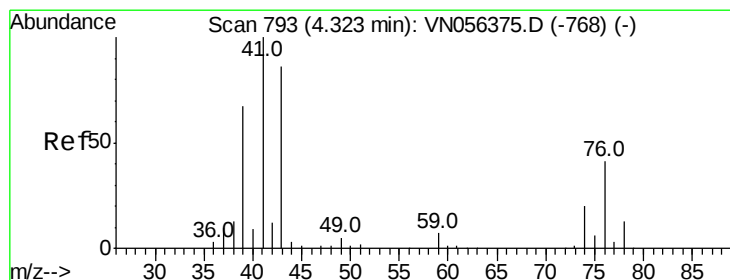
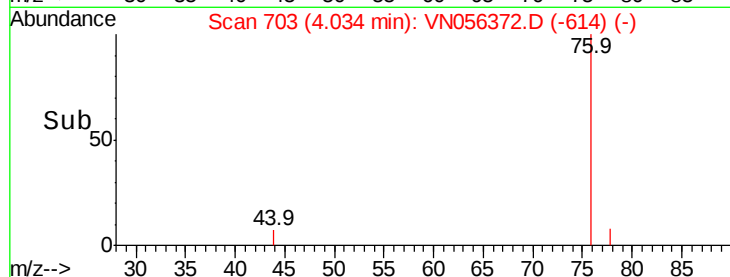
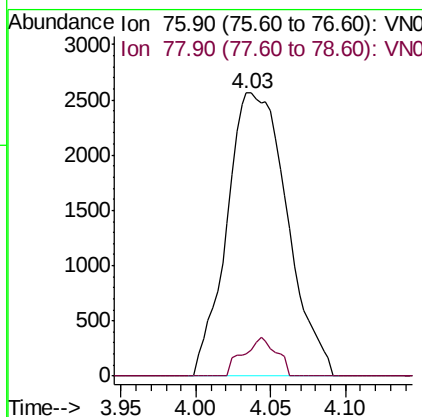
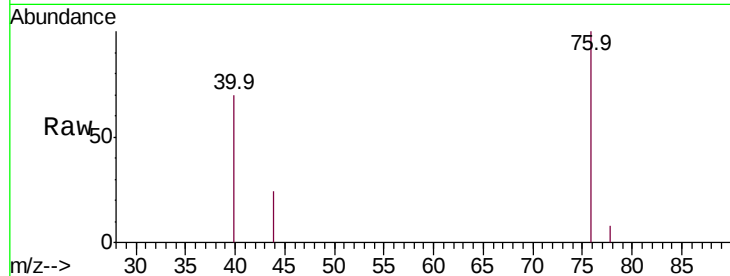
#17
Carbon Disulfide
Concen: 0.979 ug/l
RT: 4.03 min Scan# 703
Delta R.T. -0.01 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 76 Resp: 7185
Ion Ratio Lower Upper
76 100
78 7.9 7.1 10.7

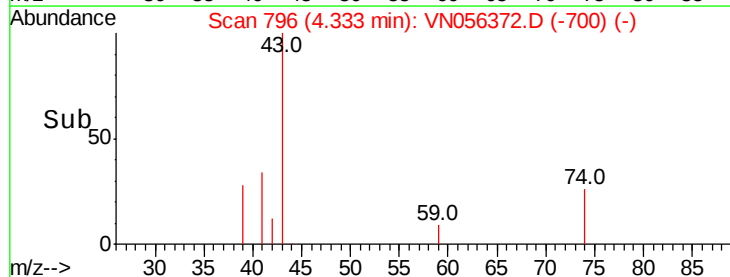
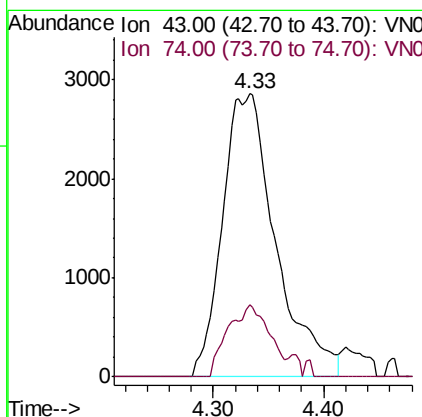
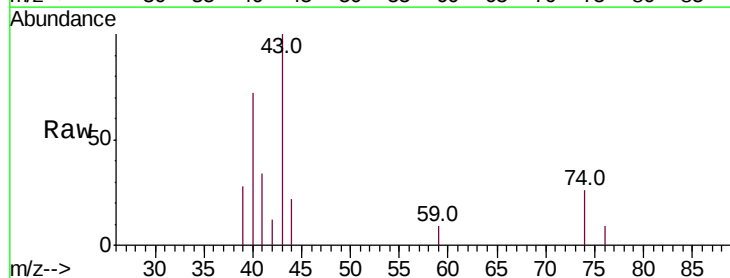
Manual Integrations
APPROVED

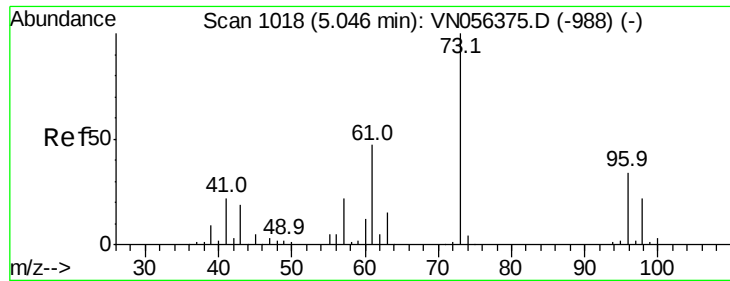
MMDadoda
6/21/2019 10:52:01 PM



#18
Methyl Acetate
Concen: 1.888 ug/l m
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Tgt Ion: 43 Resp: 9594
Ion Ratio Lower Upper
43 100
74 19.8 19.2 28.8





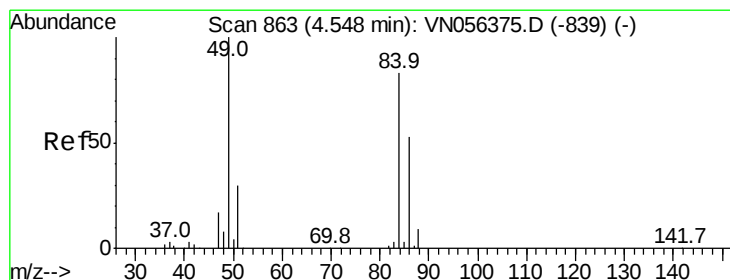
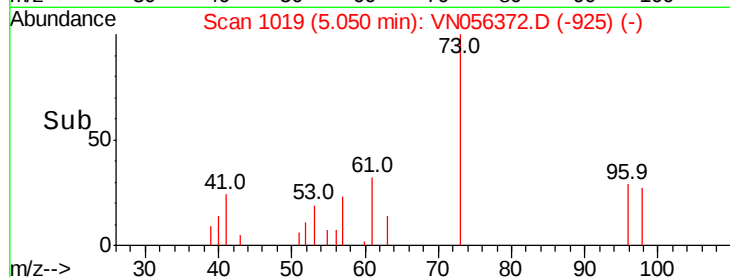
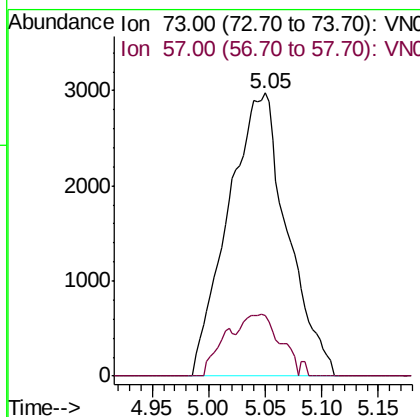
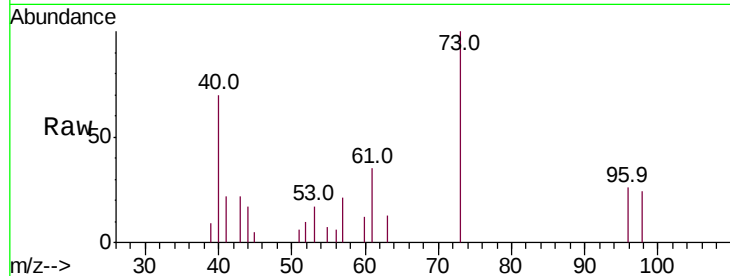
#19
Methyl tert-butyl Ether
Concen: 1.011 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 73 Resp: 10795
Ion Ratio Lower Upper
73 100
57 21.3 17.9 26.9

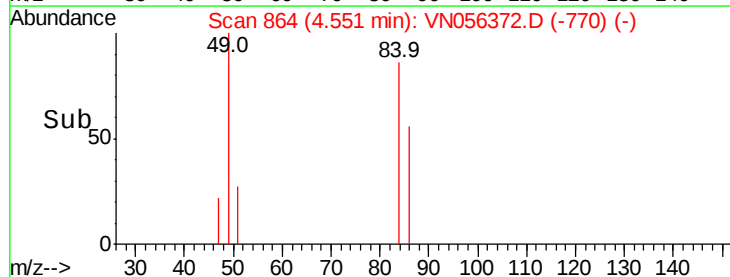
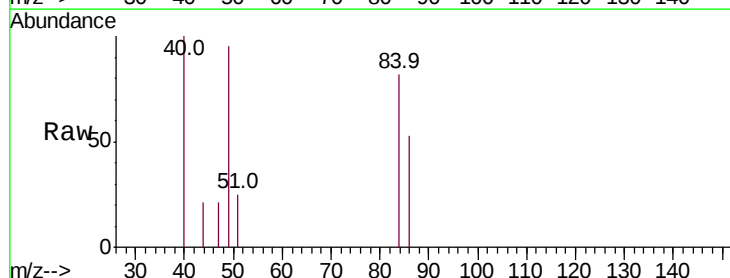
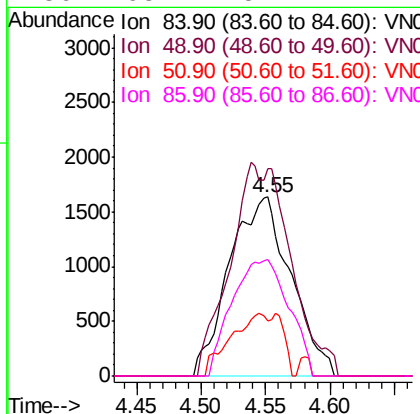
Manual Integrations
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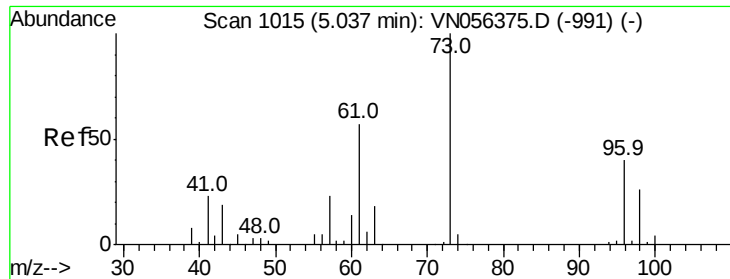
MMDadoda
6/21/2019 10:52:01 PM



#20
Methylene Chloride
Concen: 1.305 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Tgt Ion: 84 Resp: 5443
Ion Ratio Lower Upper
84 100
49 116.0 96.4 144.6
51 30.8 28.6 43.0
86 65.1 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 1.035 ug/l m

RT: 5.03 min Scan# 1012

Delta R.T. -0.01 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 96 Resp: 3601

Ion Ratio Lower Upper

96 100

61 109.1 113.0 169.6#

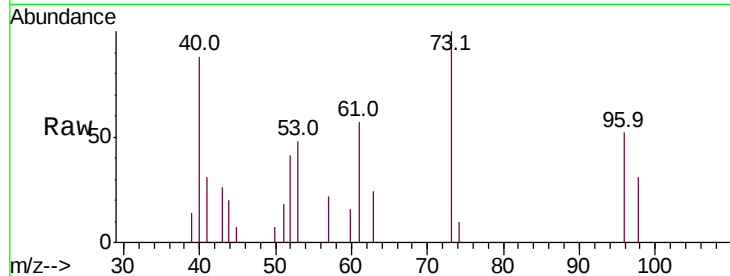
98 60.1 52.2 78.2

Manual Integrations

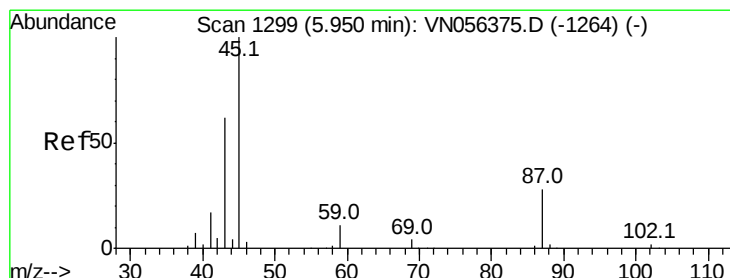
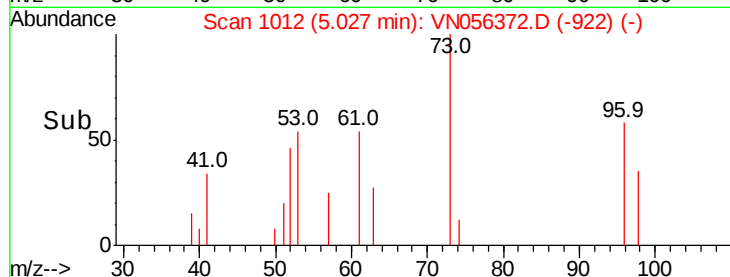
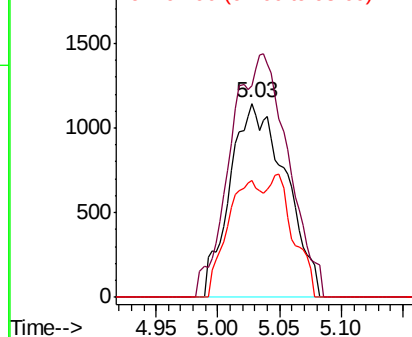
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6/21/2019 10:52:01 PM



Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC



#22

Diisopropyl ether

Concen: 1.022 ug/l

RT: 5.95 min Scan# 1298

Delta R.T. -0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Tgt Ion: 45 Resp: 11527

Ion Ratio Lower Upper

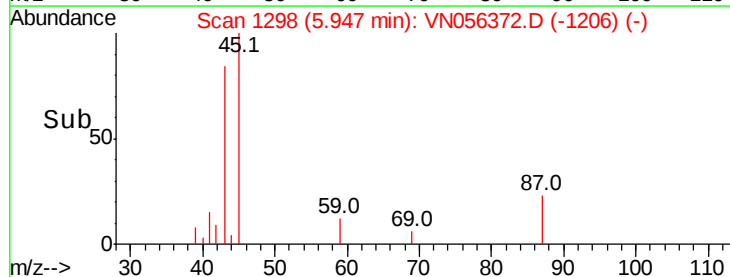
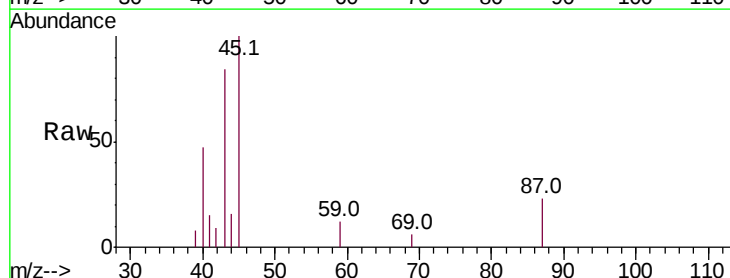
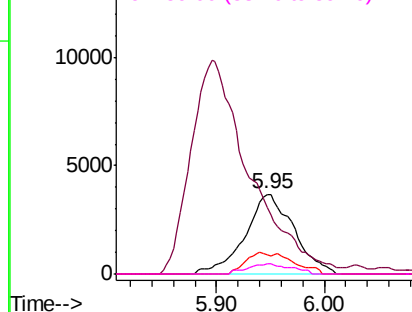
45 100

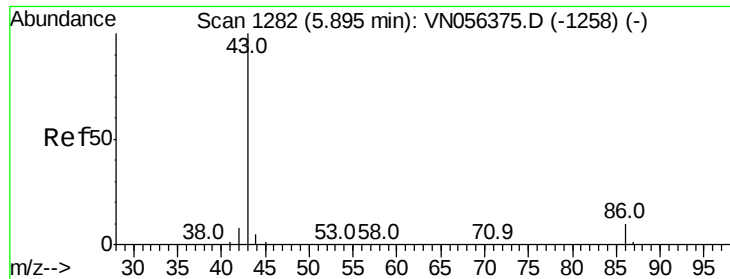
43 76.5 50.4 75.6#

87 23.4 23.0 34.4

59 12.3 9.1 13.7

Abundance Ion 45.00 (44.70 to 45.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 87.00 (86.70 to 87.70): VNC
Ion 59.00 (58.70 to 59.70): VNC





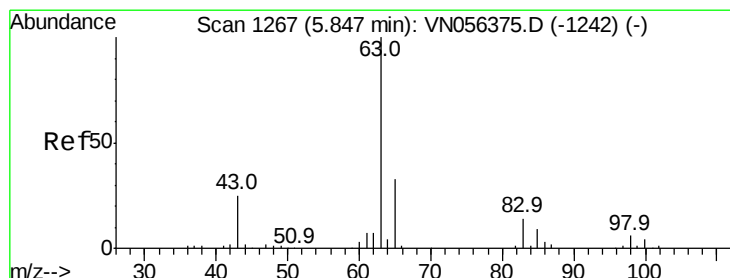
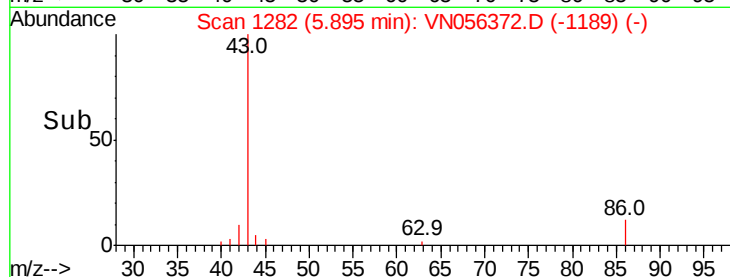
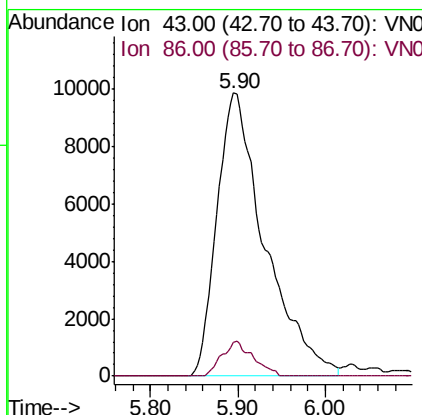
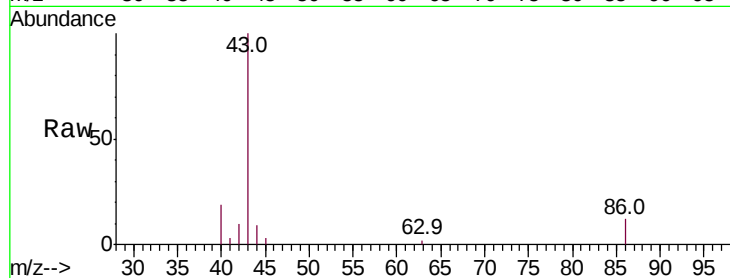
#23
 Vinyl Acetate
 Concen: 4.213 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	43	86	Ratio	Lower	Upper
37494	100	11.9		8.3	12.5

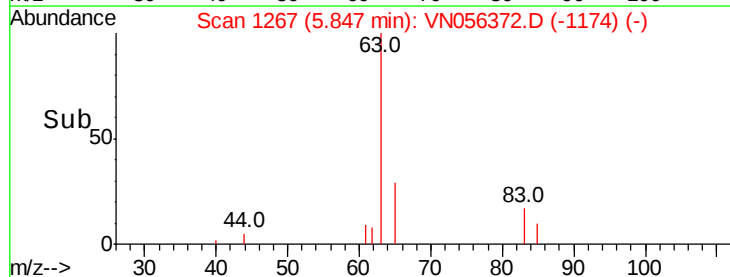
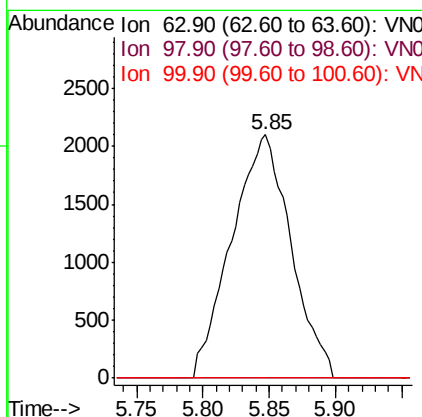
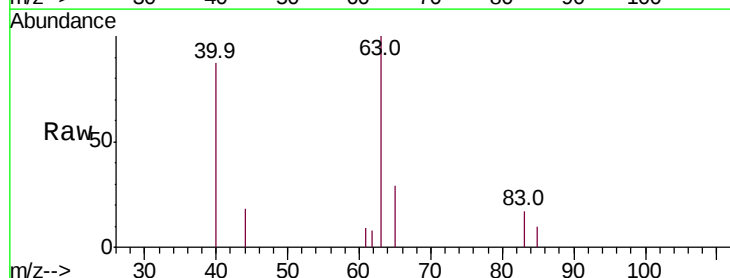
Manual Integrations
 APPROVED

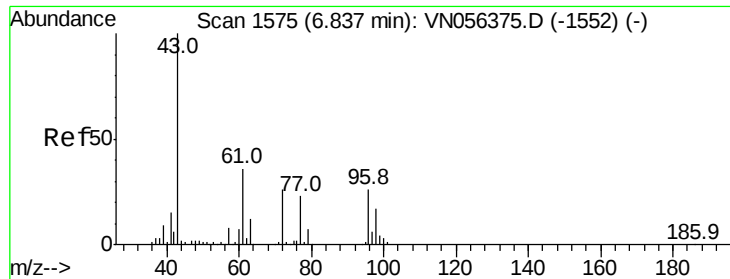
MMDadoda
 6/21/2019 10:52:01 PM



#24
 1,1-Dichloroethane
 Concen: 1.009 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Tgt Ion	63	98	100	Ratio	Lower	Upper
6537	100	0.0	0.0		3.2	9.6#
					2.1	6.5#





#25

2-Butanone

Concen: 4.569 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.01 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 43 Resp: 12267

Ion Ratio Lower Upper

43 100

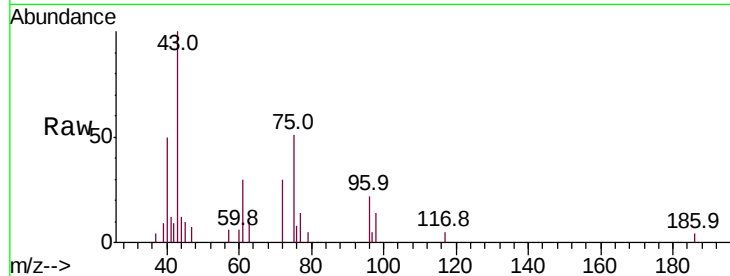
72 30.1 20.6 31.0

Manual Integrations

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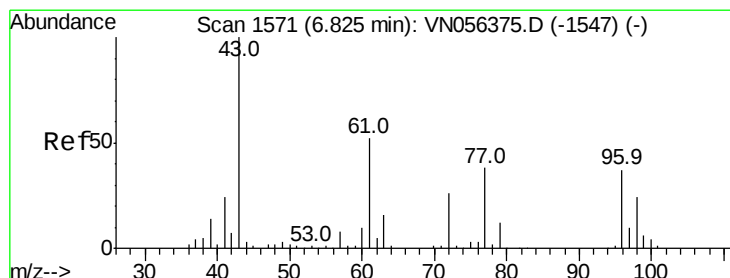
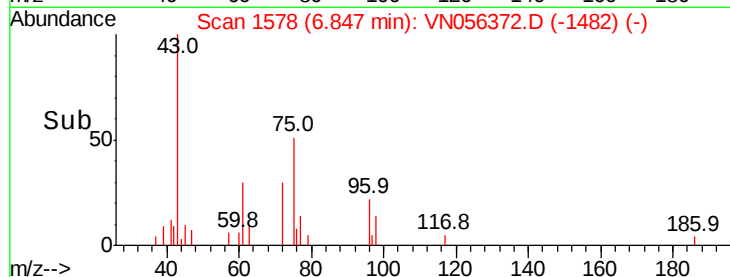
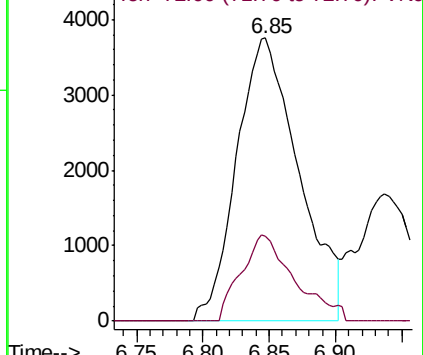
MMDadoda

6/21/2019 10:52:01 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 1.025 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VN056372.D

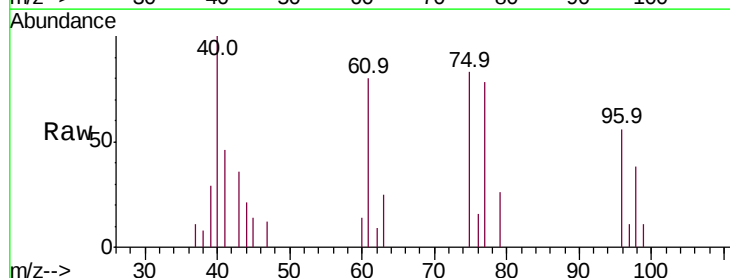
Acq: 19 Jun 2019 8:53

Tgt Ion: 77 Resp: 4617

Ion Ratio Lower Upper

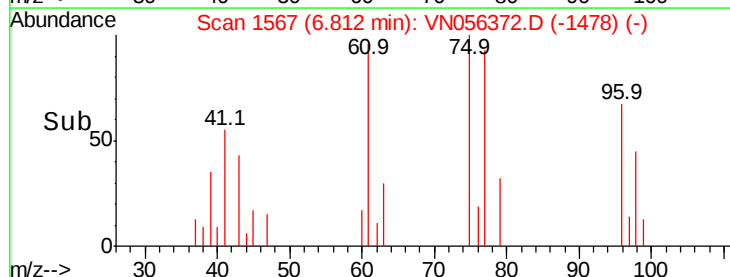
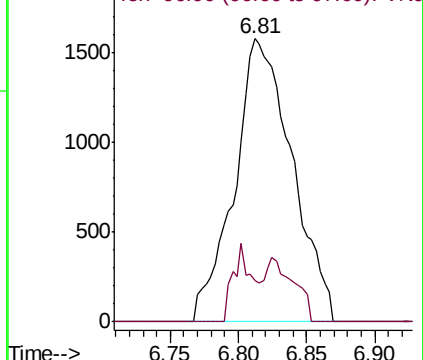
77 100

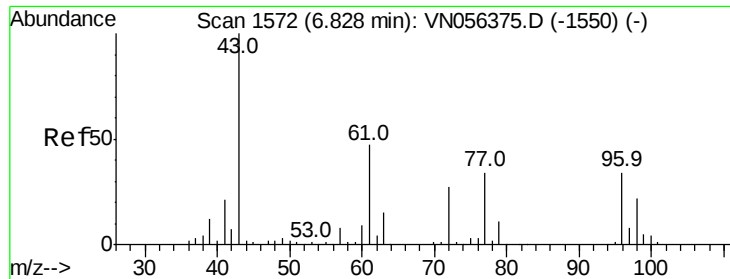
97 9.0 11.9 35.5#



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 0.975 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

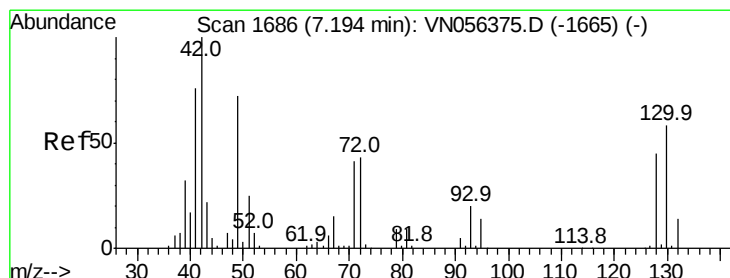
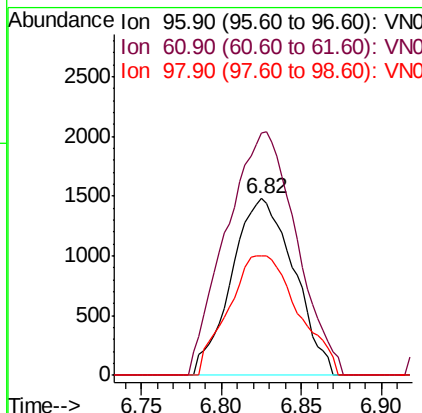
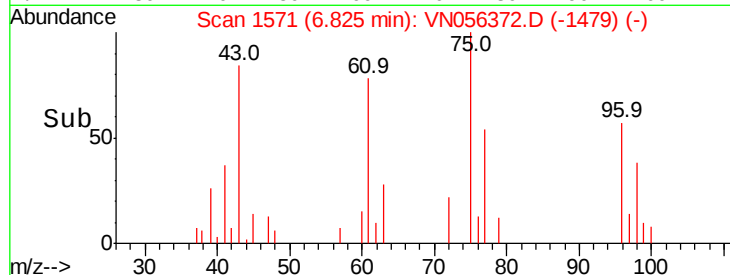
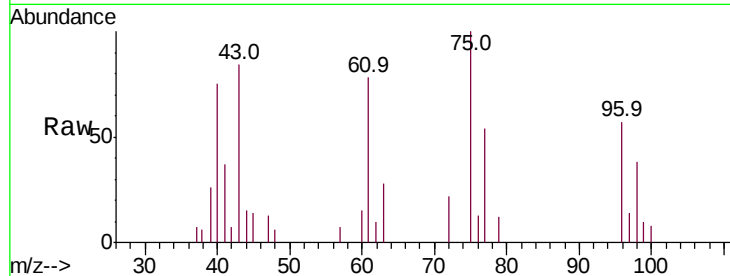
ClientSampled :

VSTDIC001

Tot Ion:	96	Resp:	3970
Ion	Ratio	Lower	Upper
96	100		
61	154.6	0.0	279.8
98	75.0	0.0	130.0

Manual Integrations
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#28

Bromochloromethane

Concen: 1.123 ug/l m

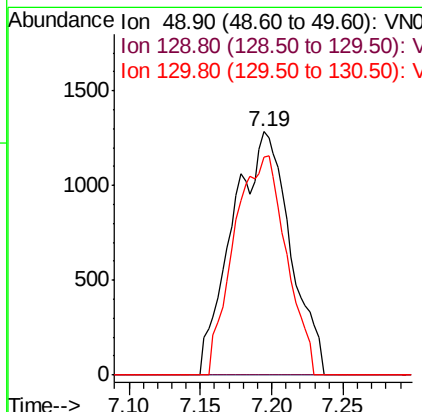
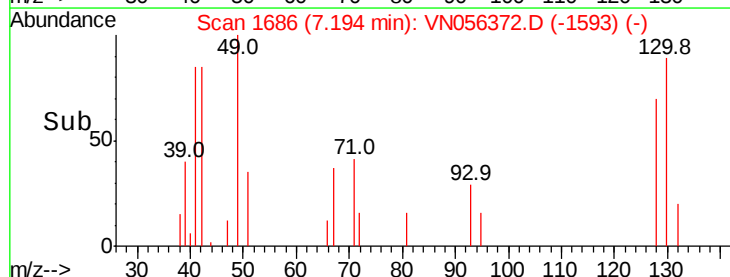
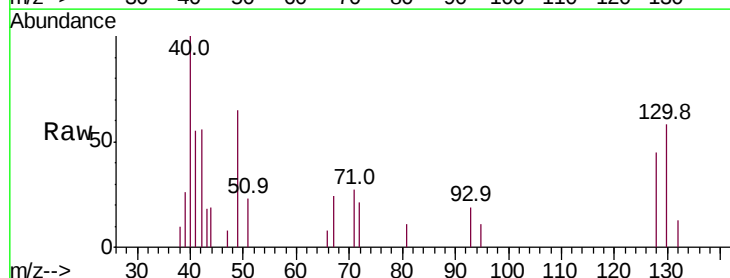
RT: 7.19 min Scan# 1686

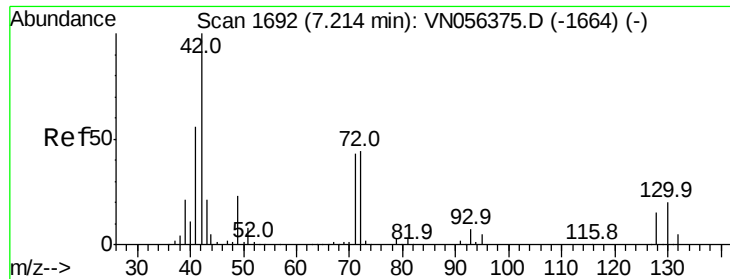
Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Tgt Ion:	49	Resp:	3597
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	81.2	64.9	97.3





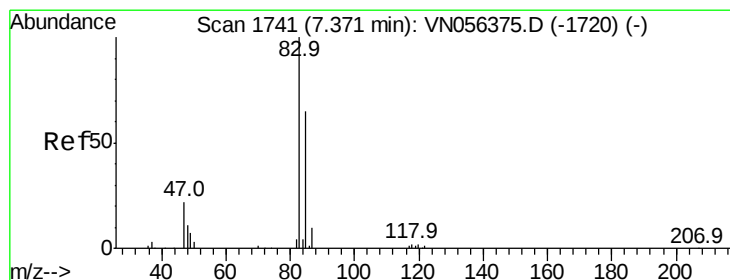
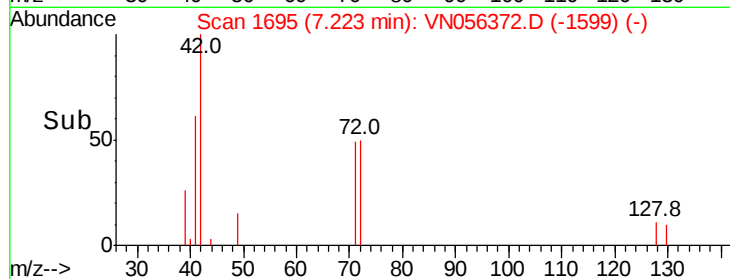
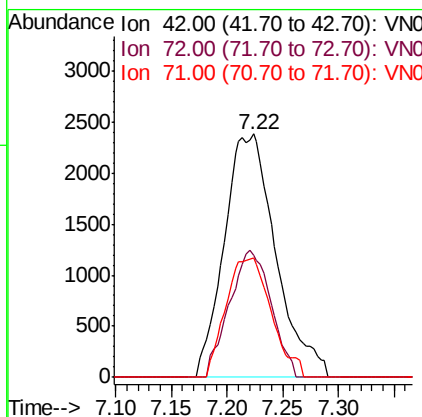
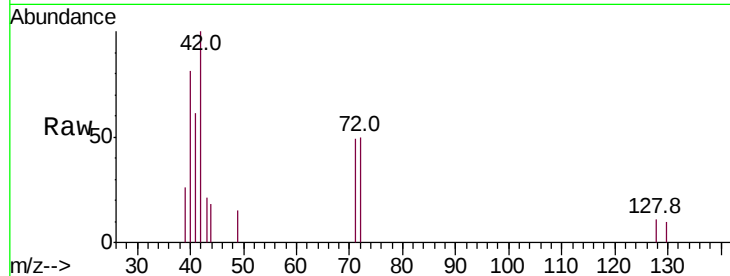
#29
Tetrahydrofuran
Concen: 4.686 ug/l m
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	34.7	52.1
71	42.9	33.0	49.6

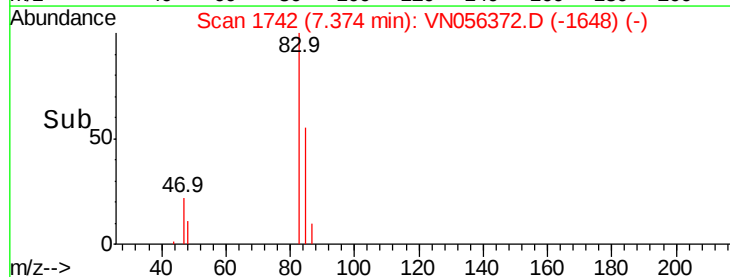
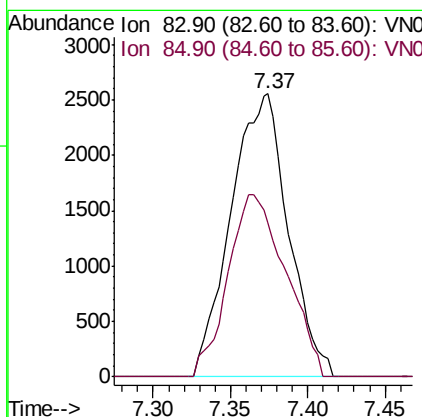
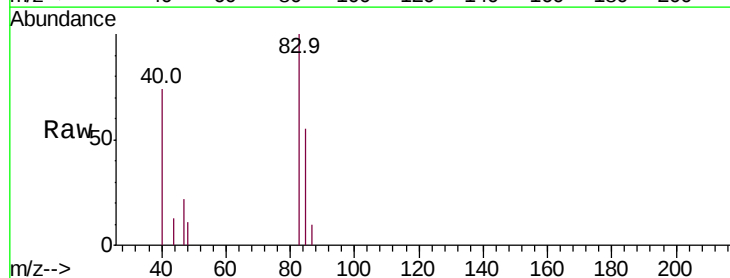
Manual Integrations
APPROVED

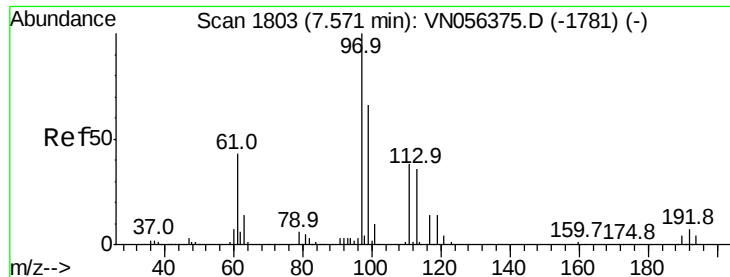
MMDadoda
6/21/2019 10:52:01 PM



#30
Chloroform
Concen: 1.027 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	54.6	52.3	78.5





#32

1,1,1-Trichloroethane

Concen: 0.961 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.01 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 97 Resp: 4869

Ion Ratio Lower Upper

97 100

99 0.0 51.8 77.6#

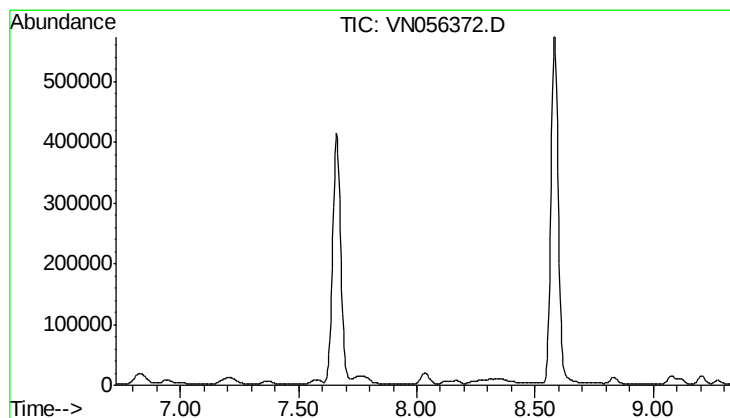
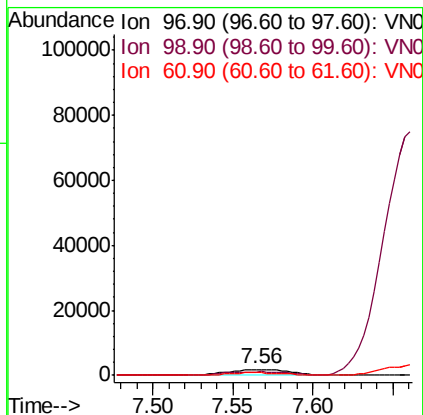
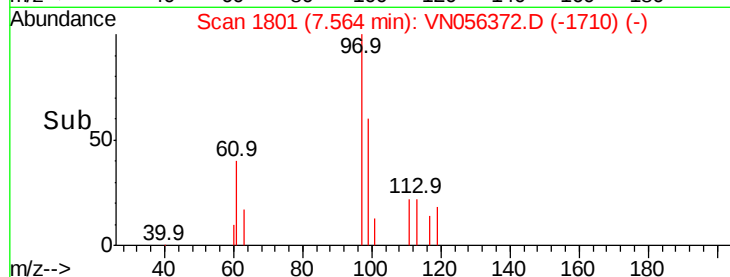
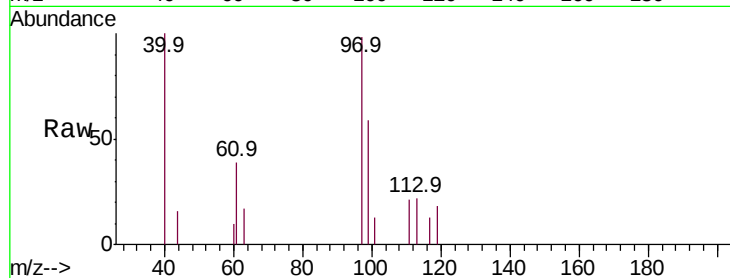
61 38.5 33.9 50.9

Manual Integrations

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MMDadoda

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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 8.03 min

Lab File: VN056372.D

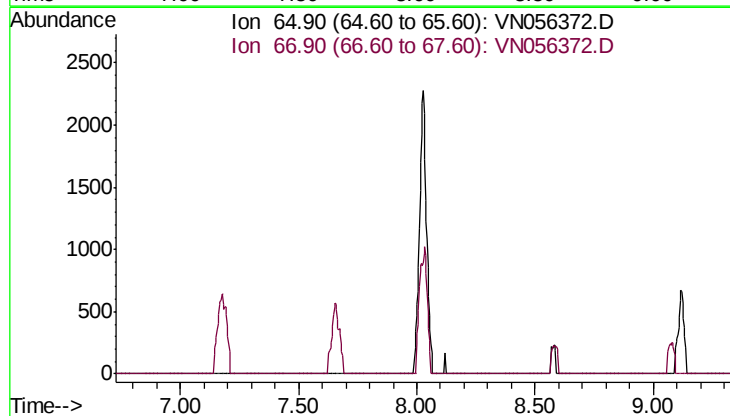
Acq: 19 Jun 2019 8:53

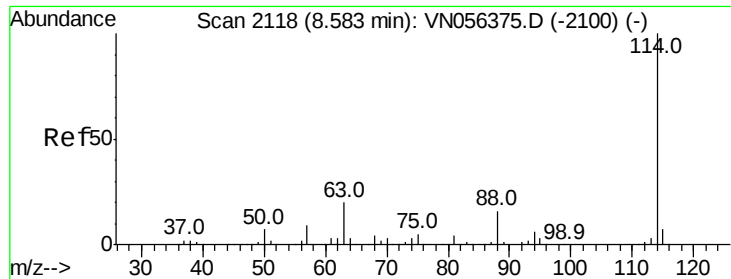
Tgt Ion: 65

Sig Exp Ratio

65 100

67 54.5





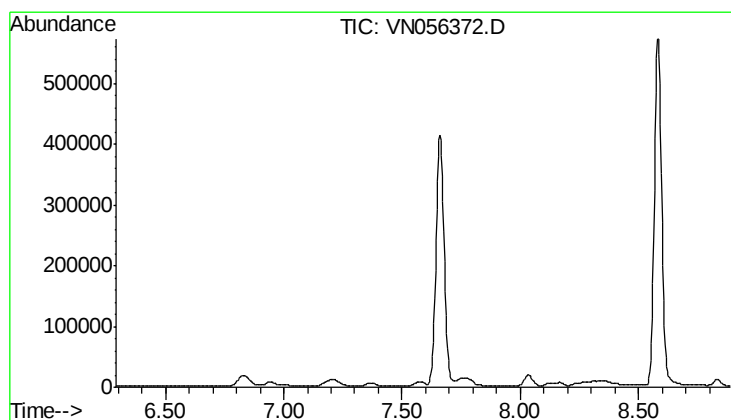
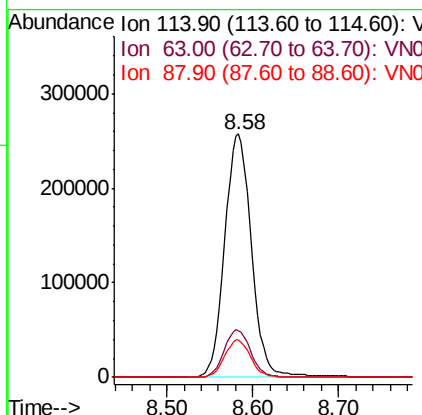
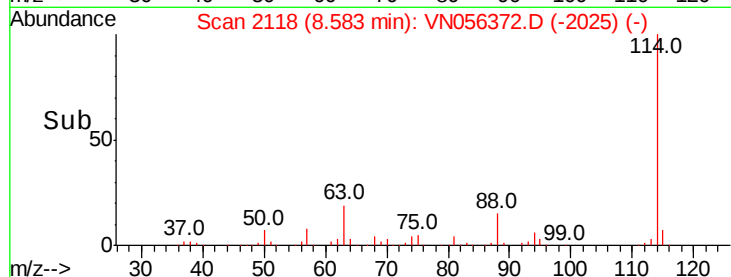
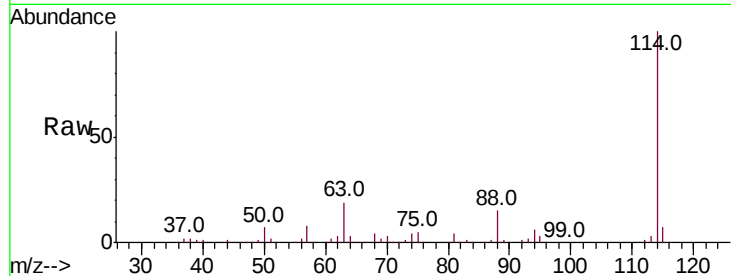
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	19.3	0.0	39.2
88	15.3	0.0	31.4

Manual Integrations
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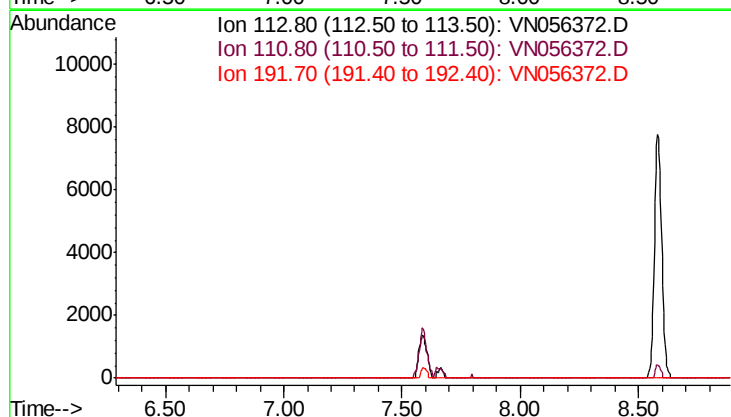
MMDadoda
6/21/2019 10:52:01 PM

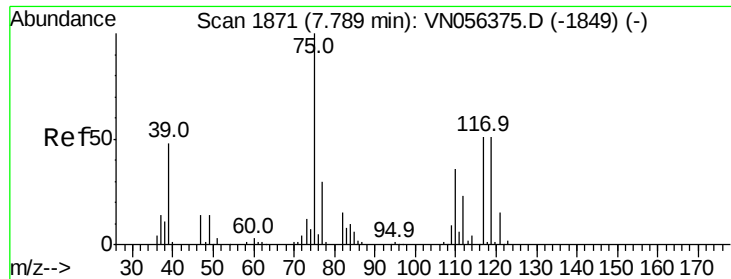


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.59 min

Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Tgt Ion	Exp Ratio
113	100
111	103.6
192	22.1





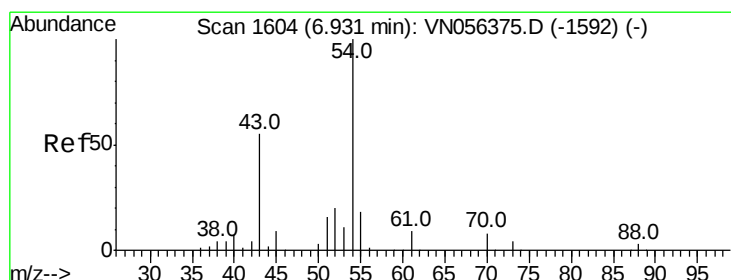
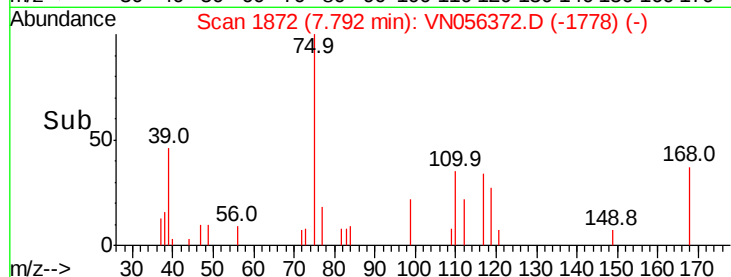
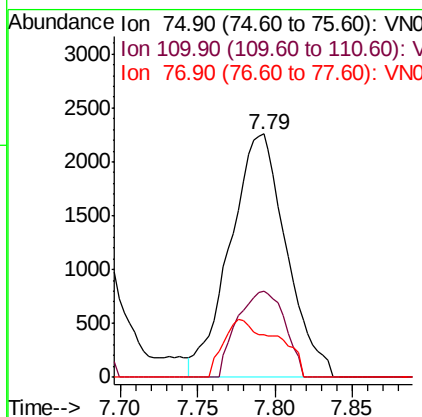
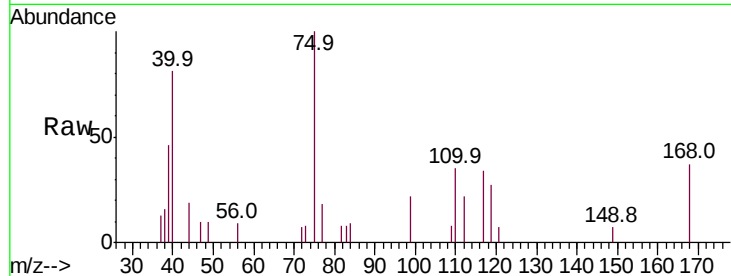
#36
 1,1-Dichloropropene
 Concen: 1.167 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	29.8	18.1	54.3
77	22.4	24.6	36.8#

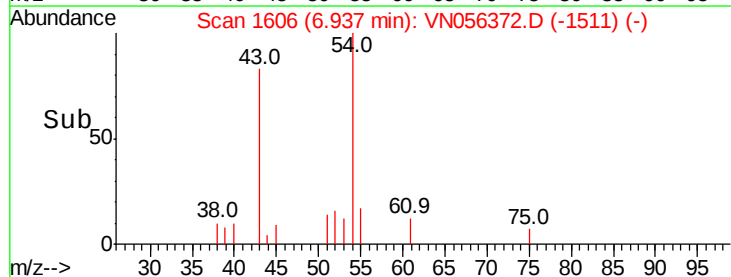
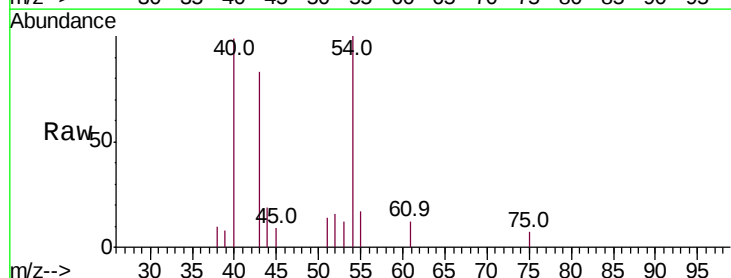
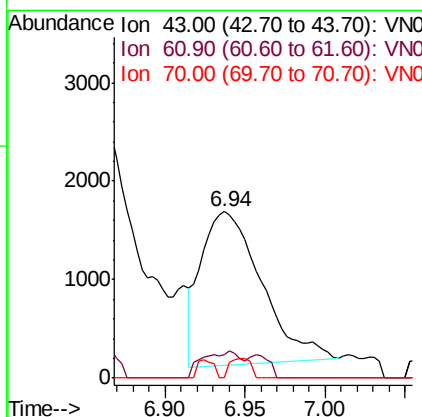
Manual Integrations
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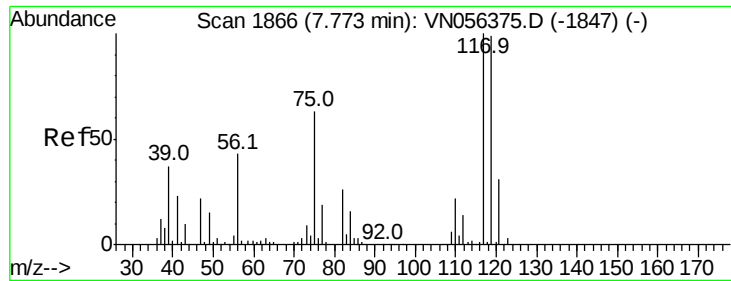
MMDadoda
 6/21/2019 10:52:01 PM



#37
 Ethyl Acetate
 Concen: 0.846 ug/l
 RT: 6.94 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Tgt Ion	Ratio	Lower	Upper
43	100		
61	11.2	11.1	16.7
70	3.1	8.3	12.5#





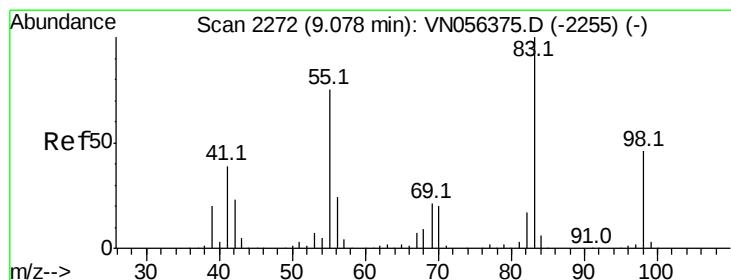
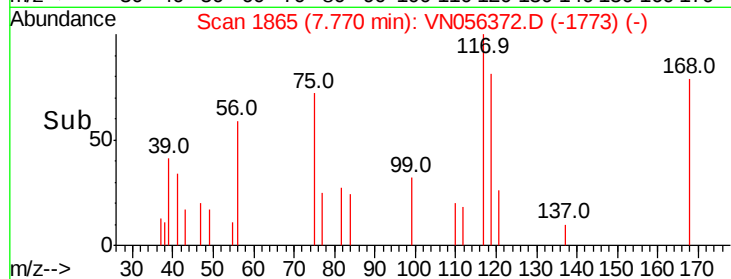
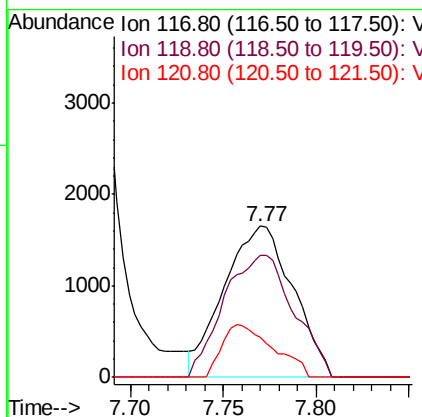
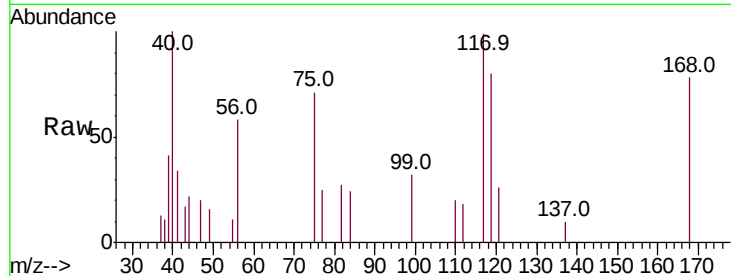
#38
Carbon Tetrachloride
Concen: 0.996 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	80.5	79.1	118.7
121	26.1	24.8	37.2

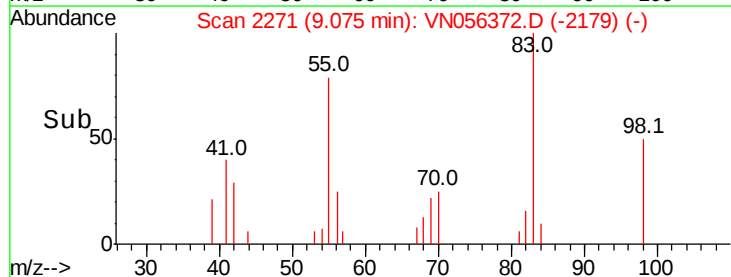
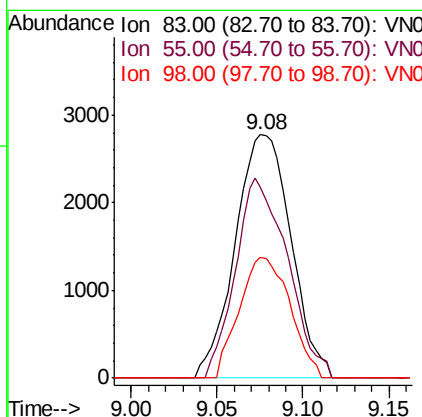
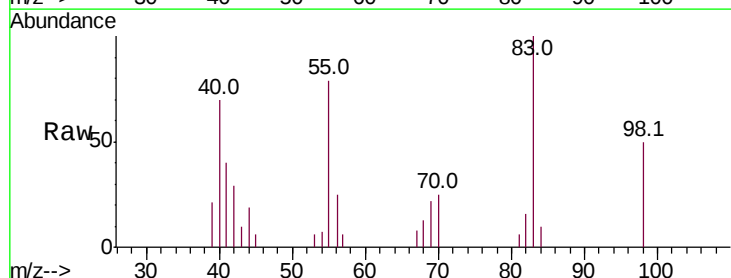
Manual Integrations
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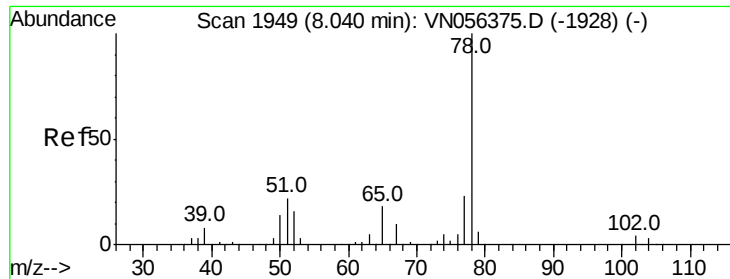
MMDadoda
6/21/2019 10:52:01 PM



#39
Methylcyclohexane
Concen: 1.036 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.7	60.0	90.0
98	49.8	36.6	54.8





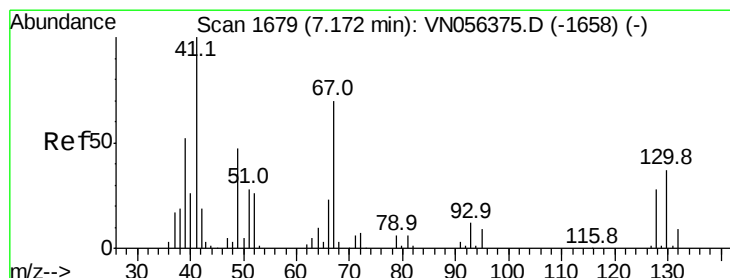
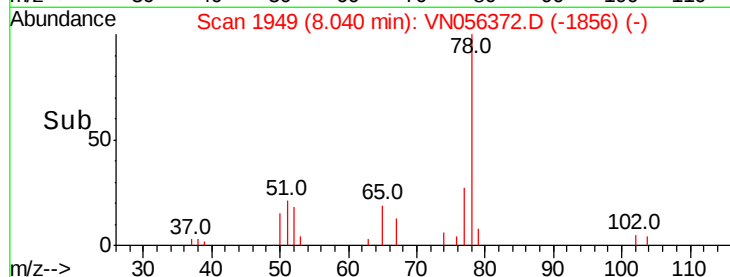
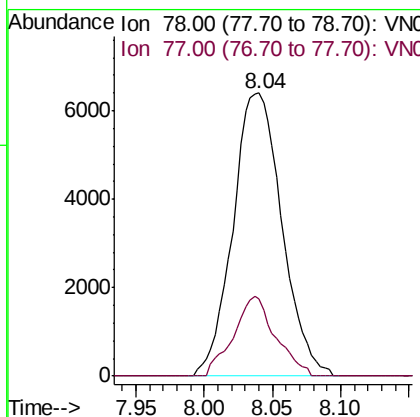
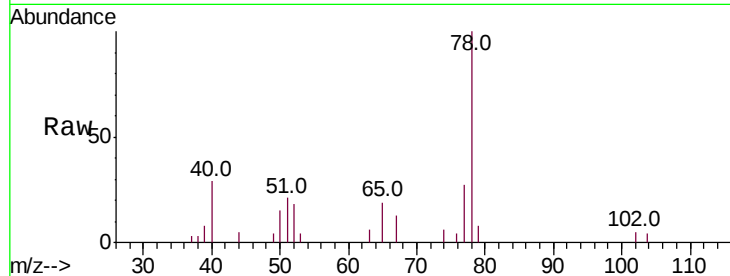
#40
Benzene
Concen: 1.059 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 78 Resp: 15971
Ion Ratio Lower Upper
78 100
77 27.2 18.3 27.5

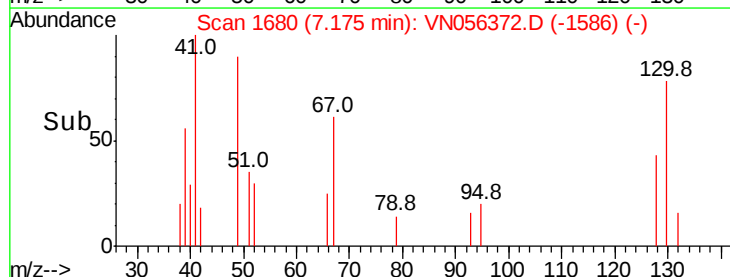
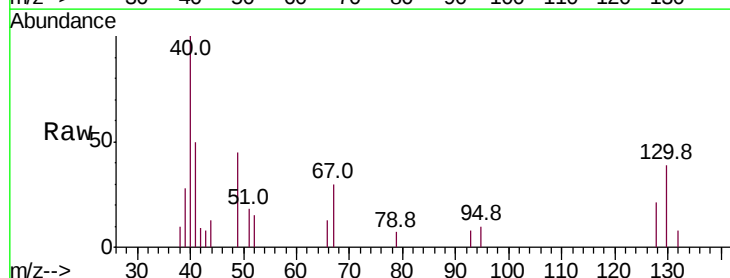
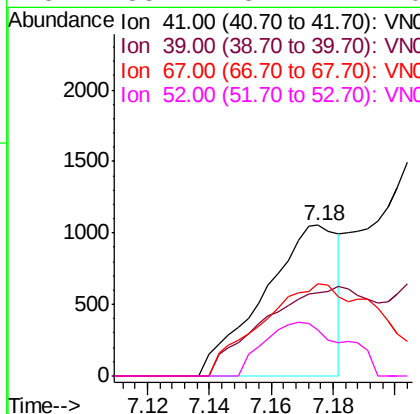
Manual Integrations
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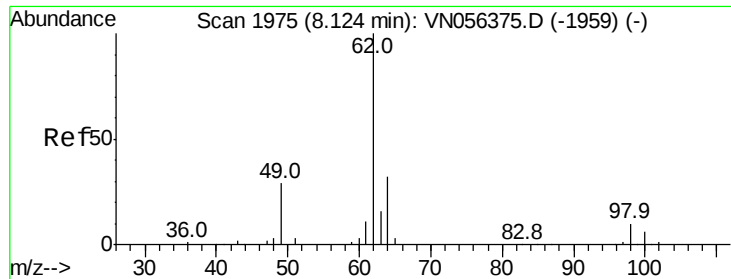
MMDadoda
6/21/2019 10:52:01 PM



#41
Methacrylonitrile
Concen: 0.828 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Tgt Ion: 41 Resp: 1761
Ion Ratio Lower Upper
41 100
39 84.7 55.3 82.9#
67 97.4 79.2 118.8
52 38.4 31.4 47.0





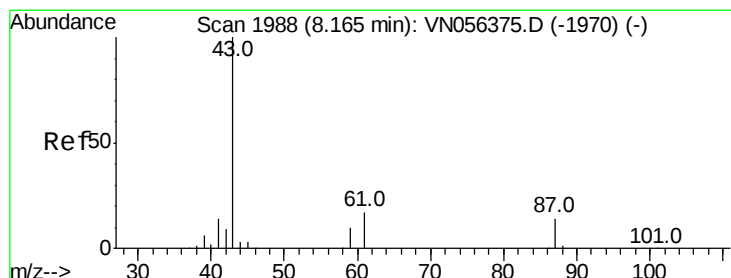
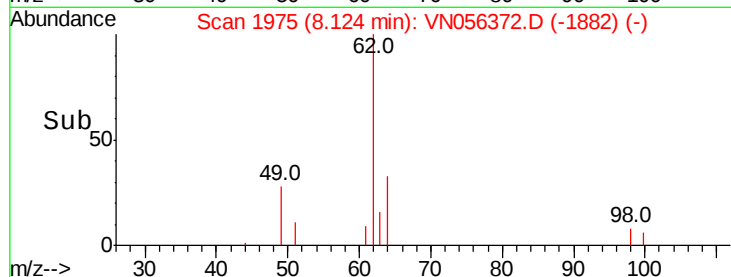
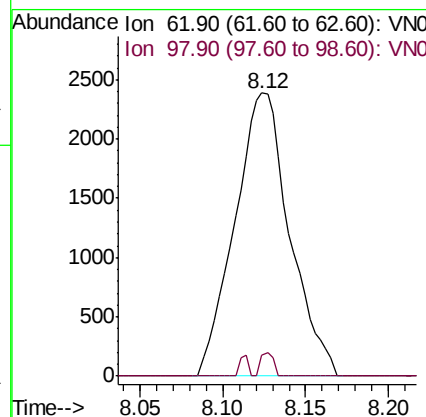
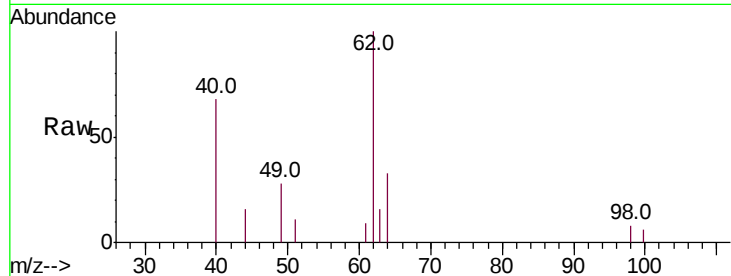
#42
 1,2-Dichloroethane
 Concen: 1.101 ug/l
 RT: 8.12 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	1.9	0.0	19.4

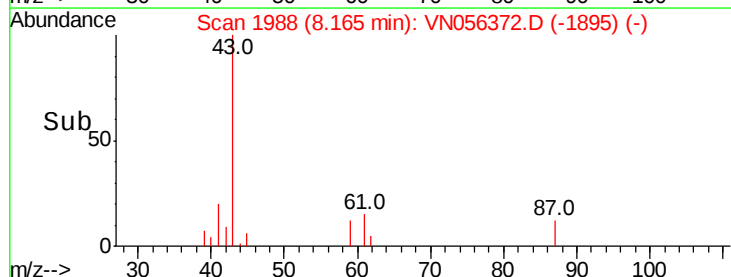
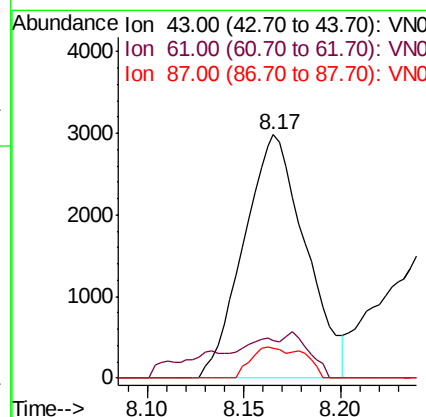
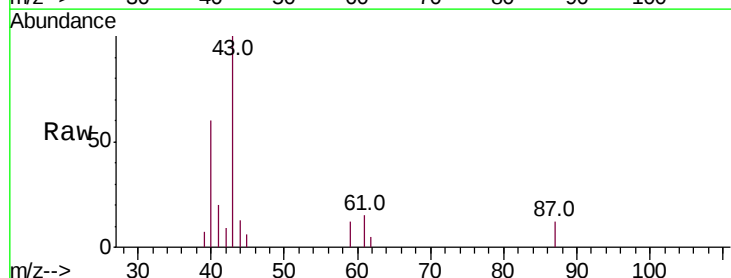
Manual Integrations
 APPROVED

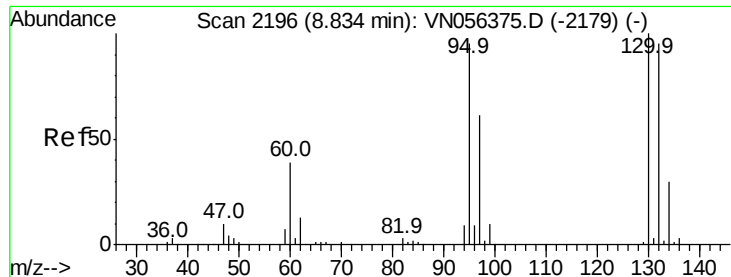
MMDadoda
 6/21/2019 10:52:01 PM



#43
 Isopropyl Acetate
 Concen: 0.890 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Tgt Ion	Ratio	Lower	Upper
43	100		
61	2.5	22.0	33.0#
87	10.9	11.0	16.4#





#44

Trichloroethene

Concen: 1.027 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 4171

Ion Ratio Lower Upper

130 100

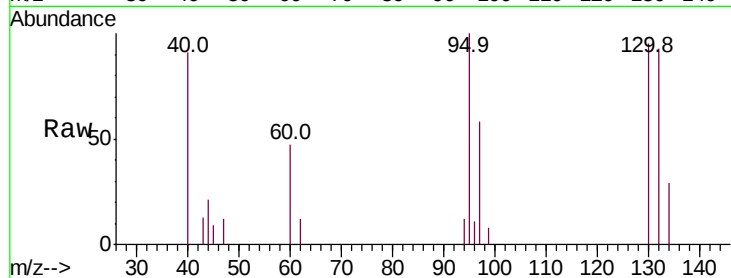
95 105.4 0.0 191.0

Manual Integrations

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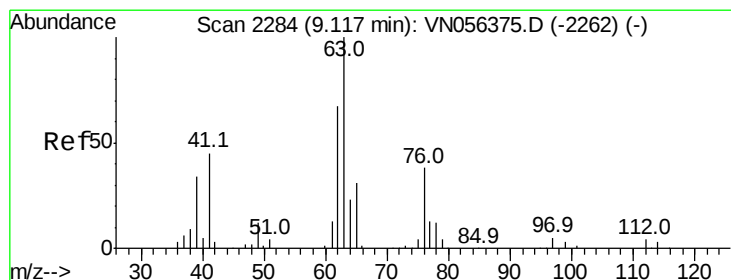
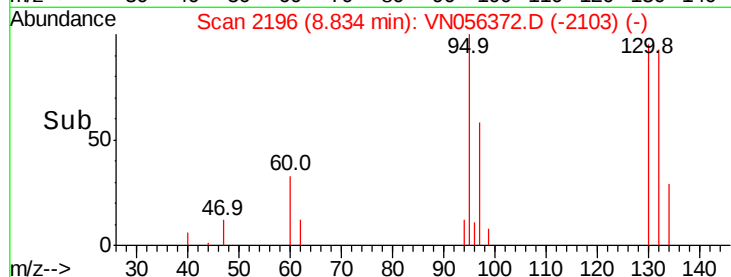
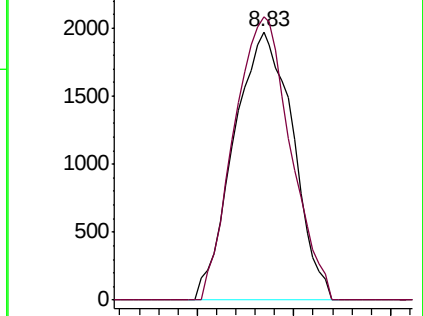
MMDadoda

6/21/2019 10:52:01 PM



Abundance Ion 129.80 (129.50 to 130.50): VN056372.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN056372.D (-2179) (-)



#45

1,2-Dichloropropane

Concen: 1.034 ug/l

RT: 9.11 min Scan# 2283

Delta R.T. -0.00 min

Lab File: VN056372.D

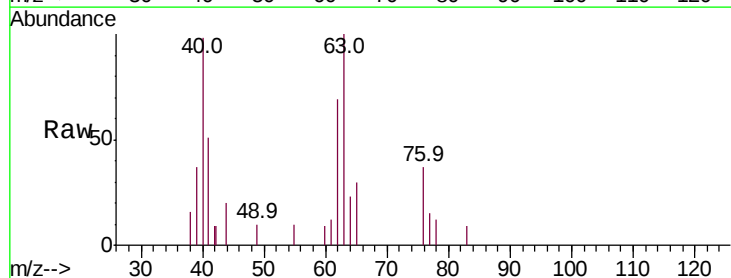
Acq: 19 Jun 2019 8:53

Tgt Ion: 63 Resp: 4169

Ion Ratio Lower Upper

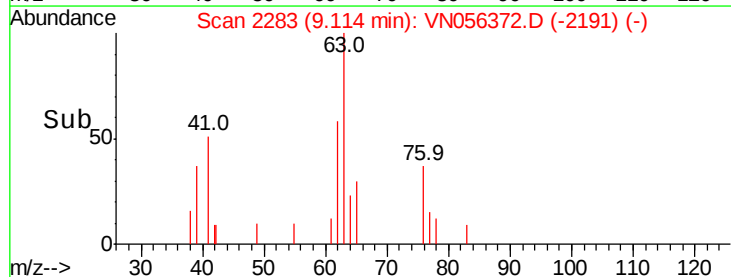
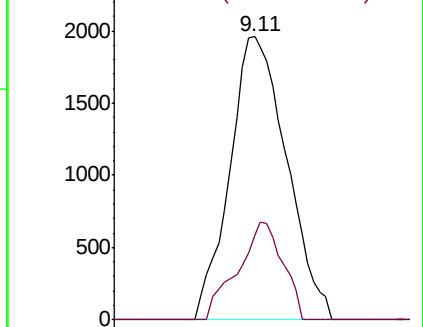
63 100

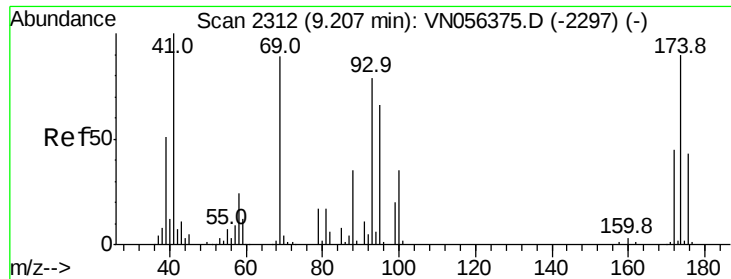
65 30.1 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN056372.D (-2191) (-)

Ion 64.90 (64.60 to 65.60): VN056372.D (-2191) (-)





#46

Dibromomethane

Concen: 0.972 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 93 Resp: 2453

Ion Ratio Lower Upper

93 100

95 87.4 66.2 99.2

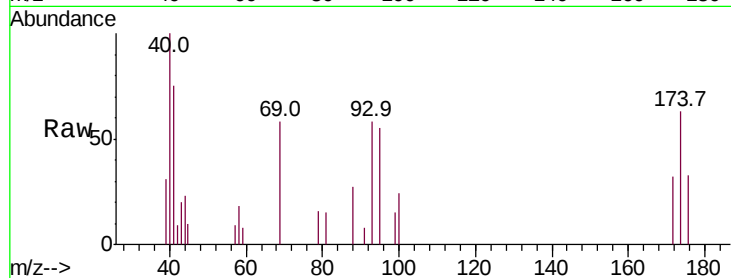
174 110.7 90.8 136.2

Manual Integrations

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MMDadoda

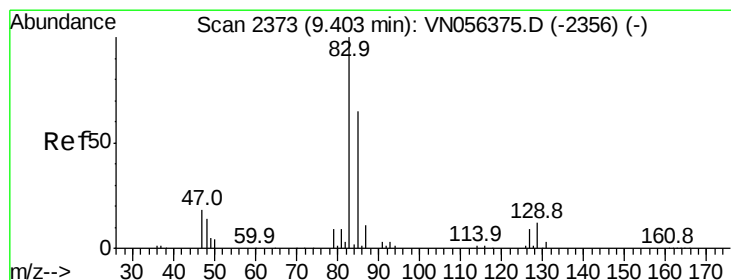
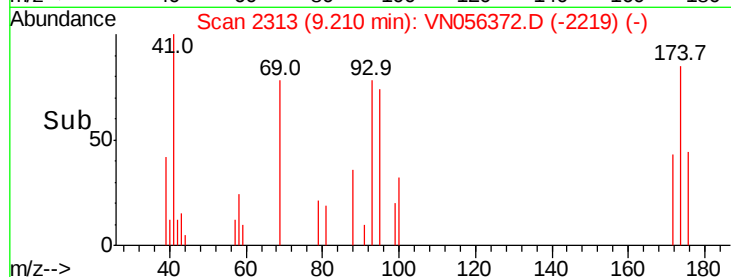
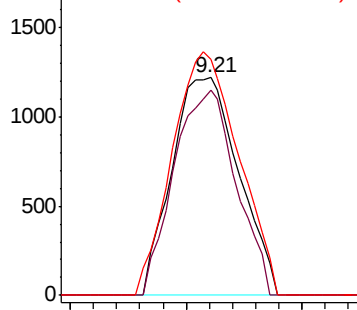
6/21/2019 10:52:01 PM



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 0.906 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

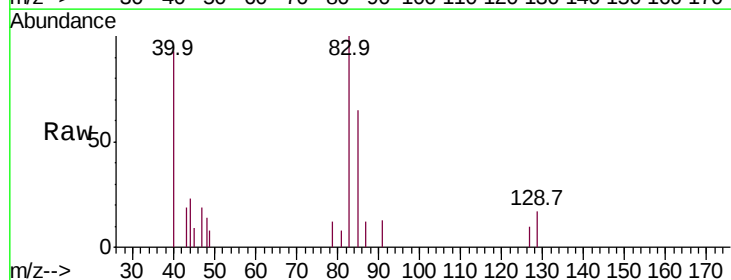
Tgt Ion: 83 Resp: 4056

Ion Ratio Lower Upper

83 100

85 64.6 52.2 78.4

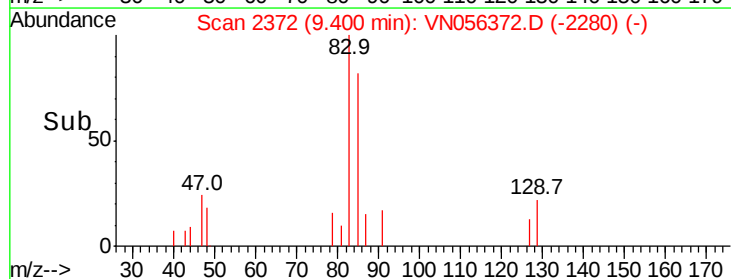
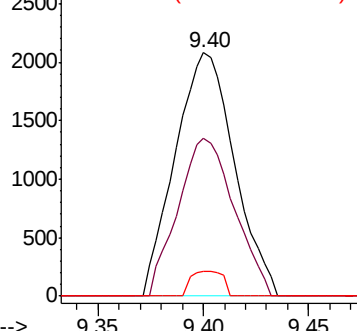
127 9.9 7.3 10.9

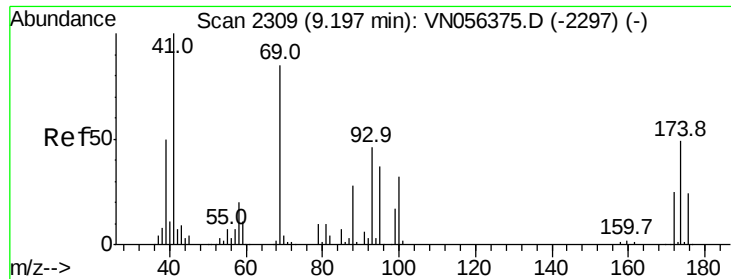


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V





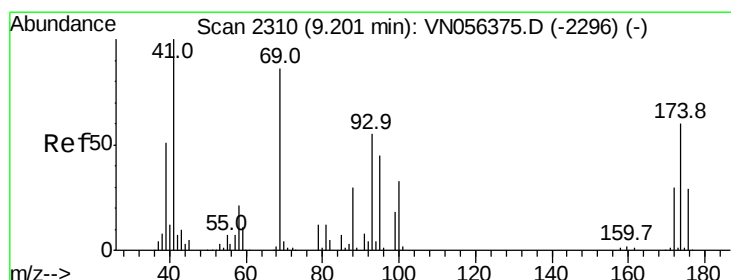
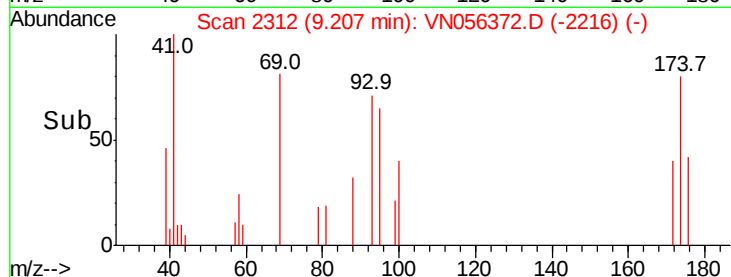
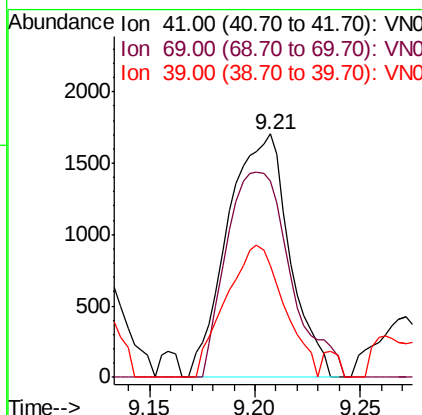
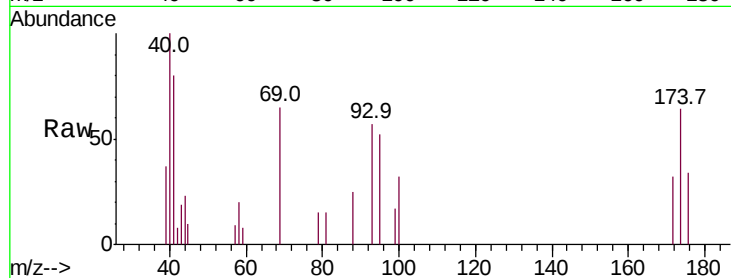
#48
Methyl methacrylate
Concen: 0.932 ug/l
RT: 9.21 min Scan# 2312
Delta R.T. 0.01 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion: 41 Resp: 3469
Ion Ratio Lower Upper
41 100
69 87.5 72.6 109.0
39 51.2 42.6 63.8

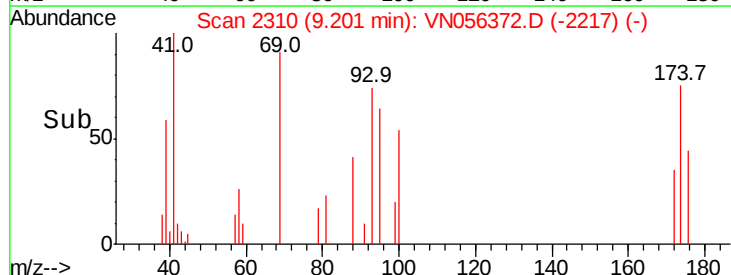
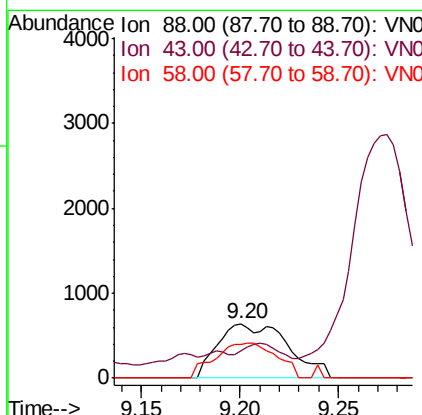
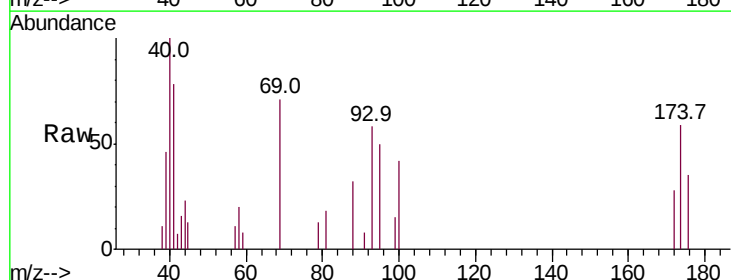
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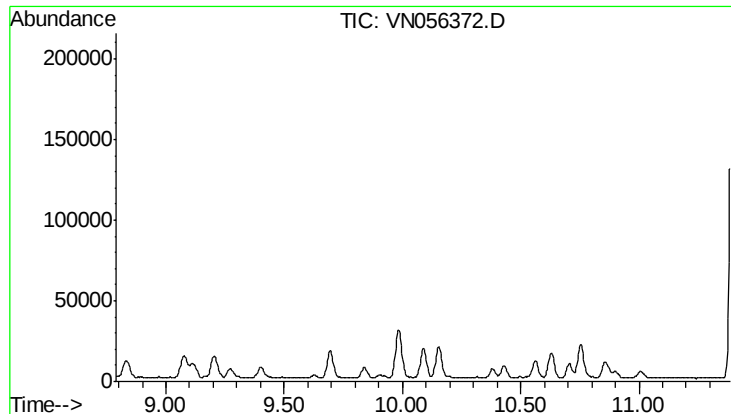
MMDadoda
6/21/2019 10:52:01 PM



#49
1,4-Dioxane
Concen: 20.605 ug/l m
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Tgt Ion: 88 Resp: 1592
Ion Ratio Lower Upper
88 100
43 12.5 22.0 33.0#
58 56.8 51.8 77.8





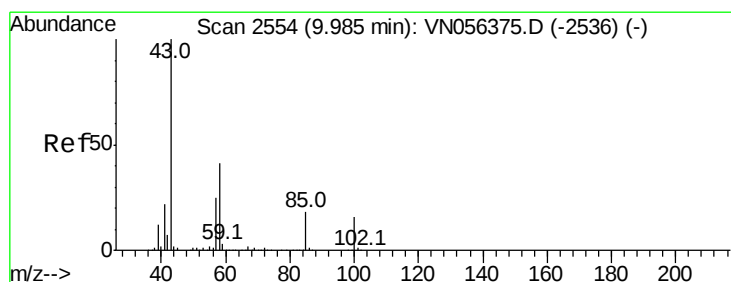
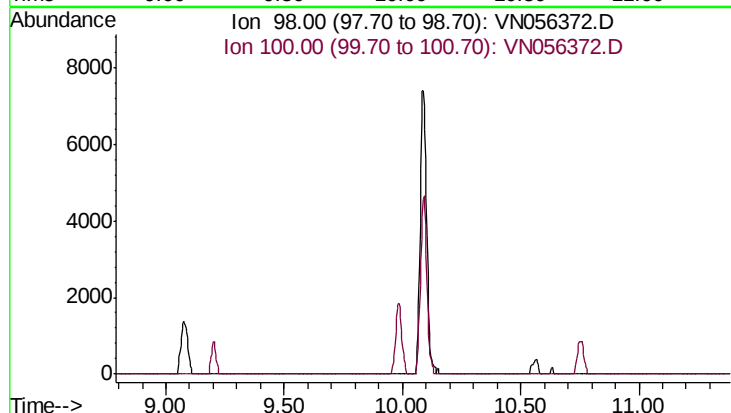
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.09 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 65.2

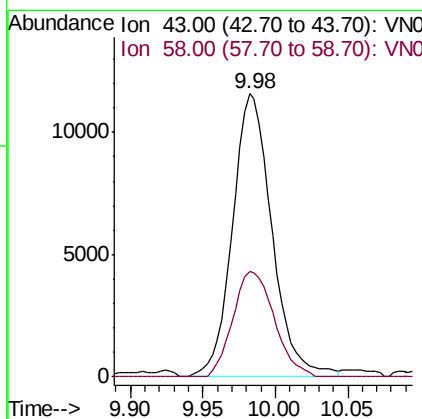
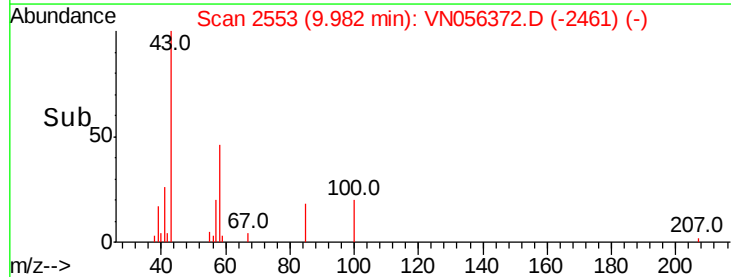
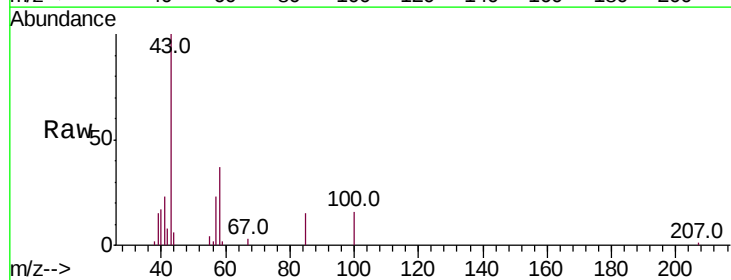
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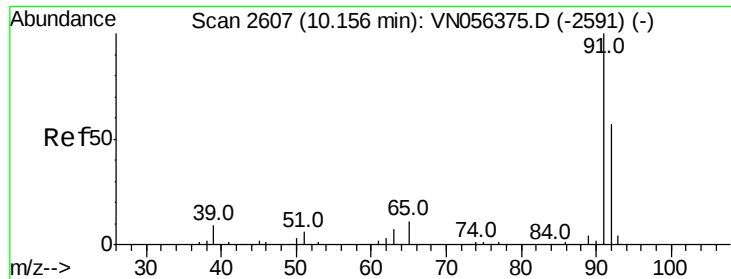
MMDadoda
6/21/2019 10:52:01 PM



#51
4-Methyl-2-Pentanone
Concen: 4.575 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Tgt Ion: 43 Resp: 21936
Ion Ratio Lower Upper
43 100
58 39.0 31.8 47.8





#52

Toluene

Concen: 1.032 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 92 Resp: 9512

Ion Ratio Lower Upper

92 100

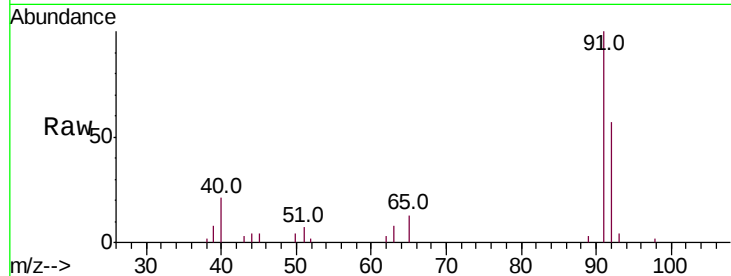
91 166.2 140.6 211.0

Manual Integrations

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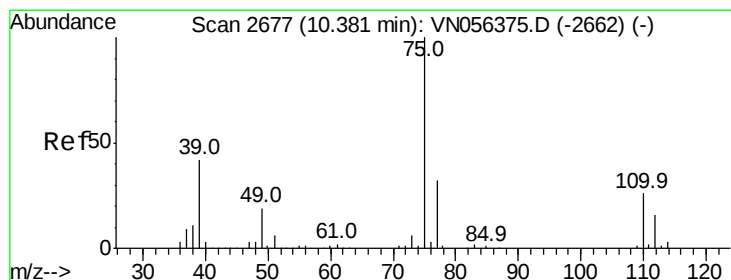
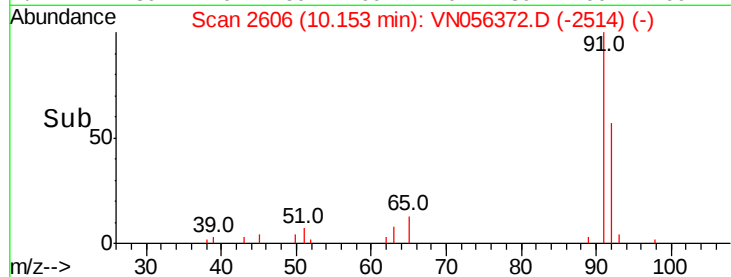
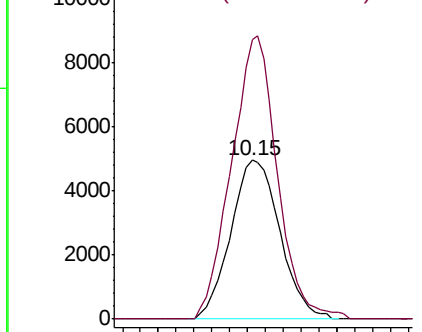
MMDadoda

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Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#53

t-1,3-Dichloropropene

Concen: 0.728 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056372.D

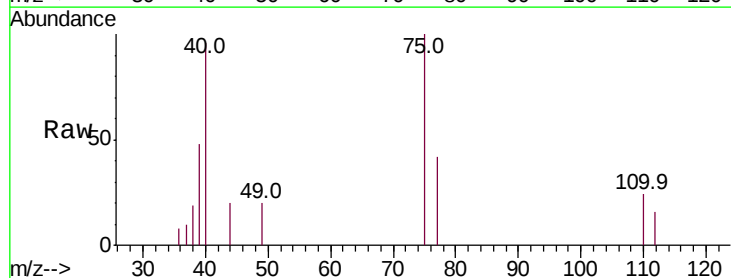
Acq: 19 Jun 2019 8:53

Tgt Ion: 75 Resp: 3285

Ion Ratio Lower Upper

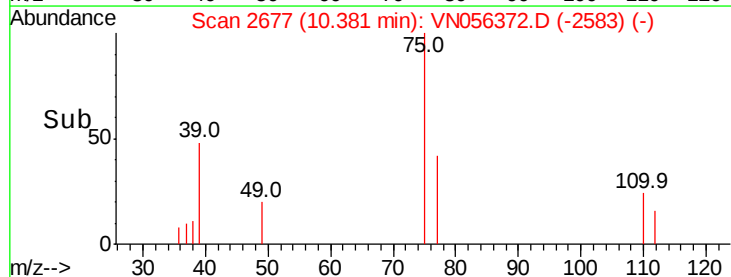
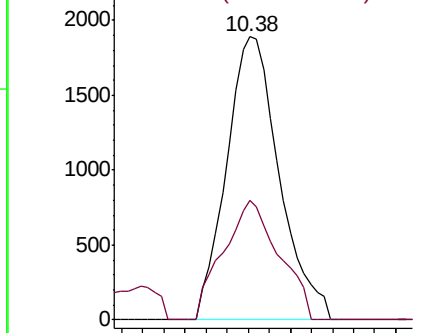
75 100

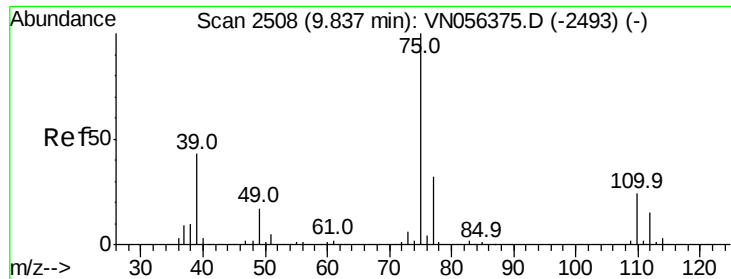
77 42.4 25.4 38.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0





#54

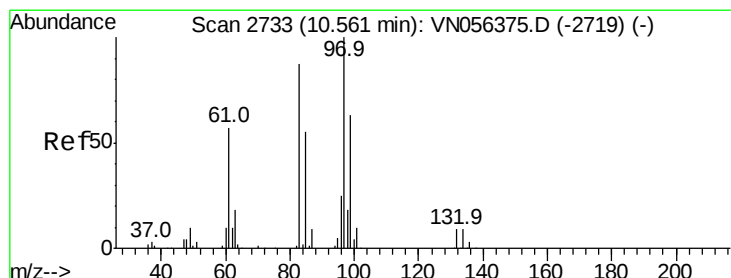
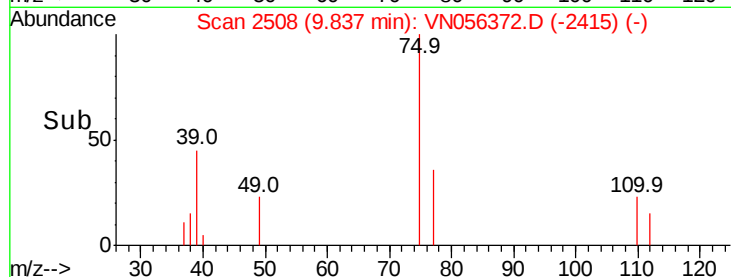
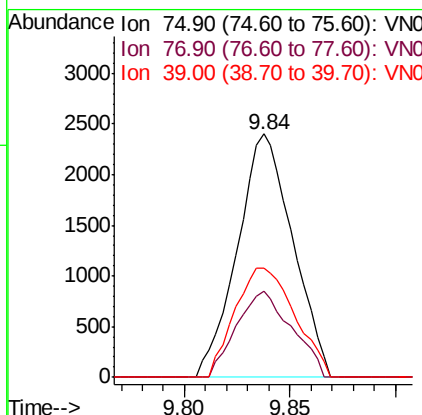
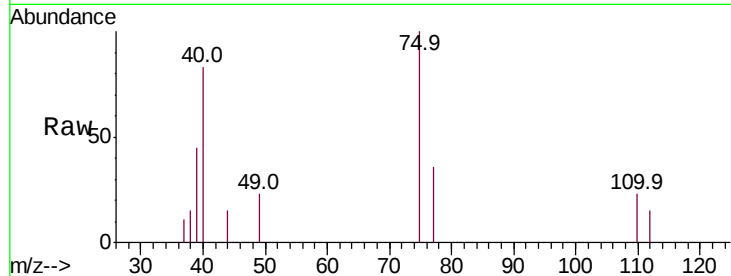
cis-1,3-Dichloropropene
 Concen: 0.813 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	35.6	25.2	37.8
39	44.7	34.2	51.4

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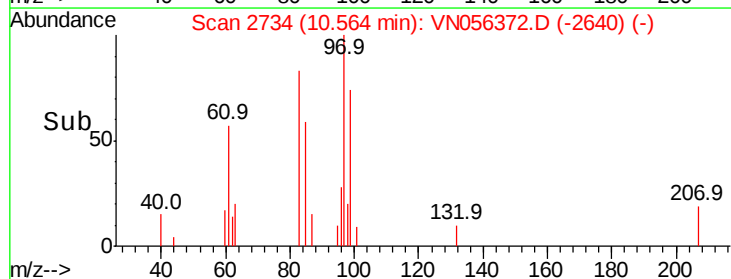
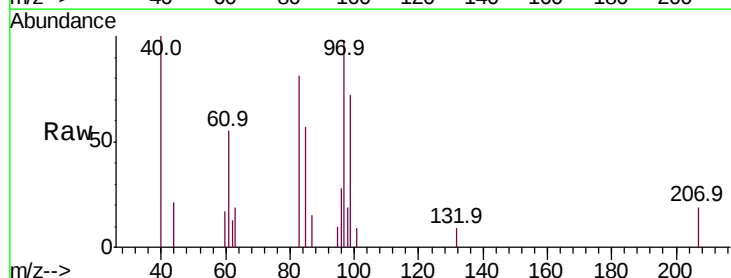
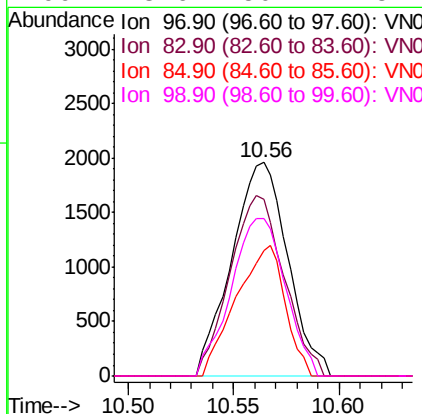
MMDadoda
 6/21/2019 10:52:01 PM

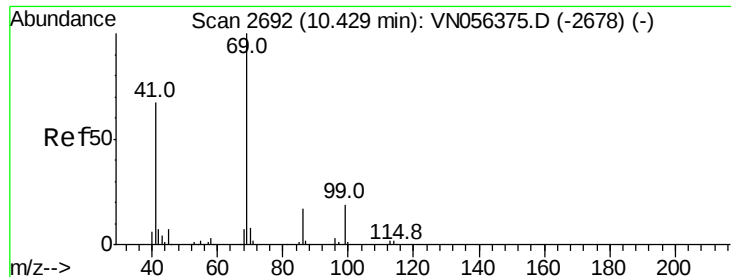


#55

1,1,2-Trichloroethane
 Concen: 0.978 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.8	69.8	104.6
85	58.7	43.8	65.8
99	73.6	50.2	75.2





#56

Ethyl methacrylate

Concen: 0.787 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

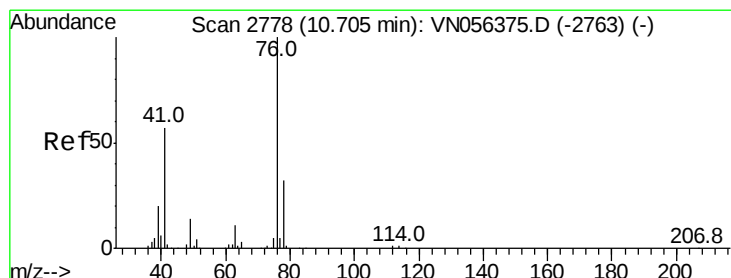
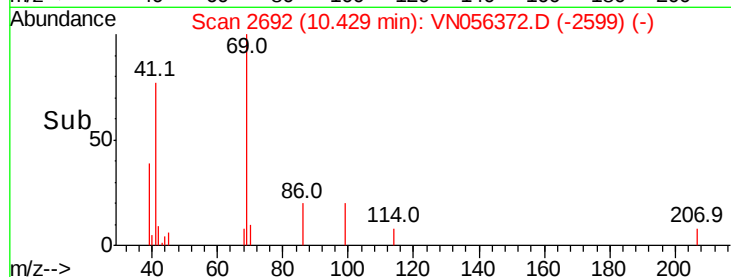
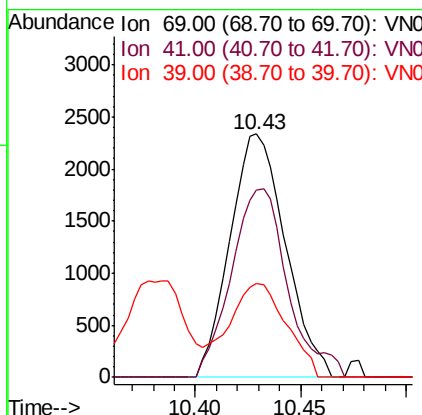
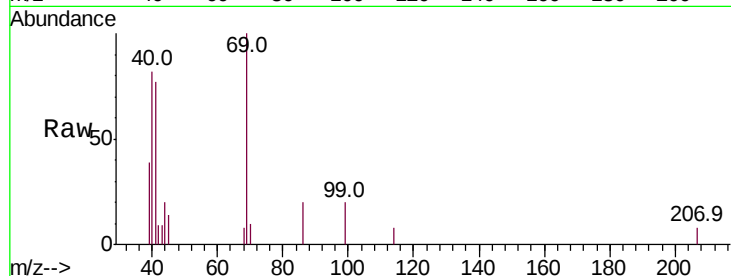
ClientSampled :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
69	100		
41	78.7	51.4	77.2#
39	40.5	24.7	37.1#

Manual Integrations
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6/21/2019 10:52:01 PM



#57

1,3-Dichloropropane

Concen: 0.943 ug/l

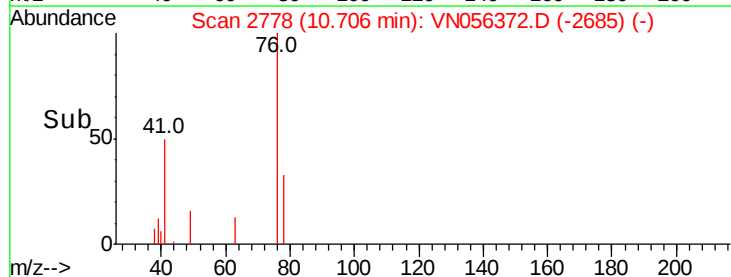
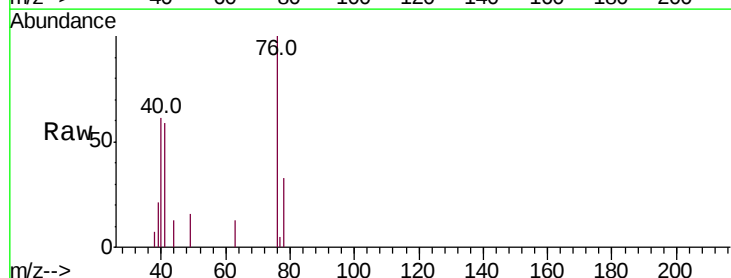
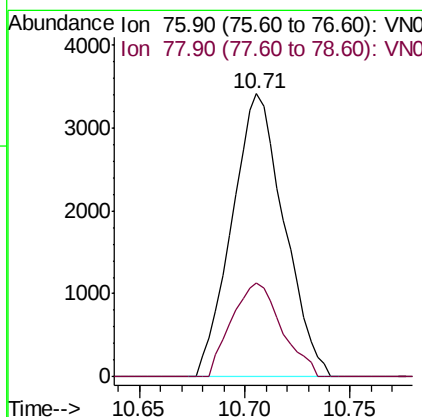
RT: 10.71 min Scan# 2778

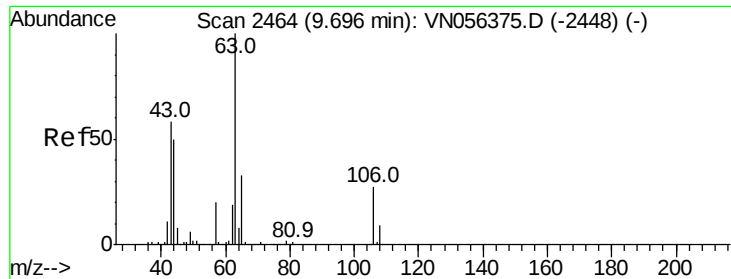
Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Tgt Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.9	38.9





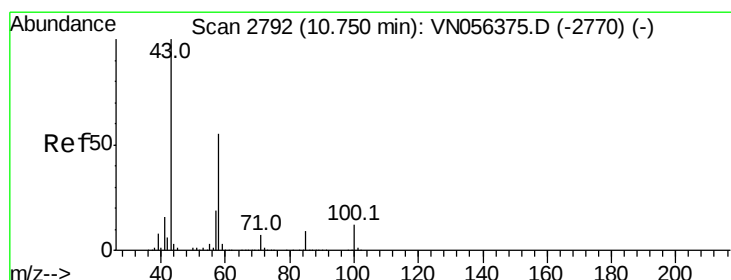
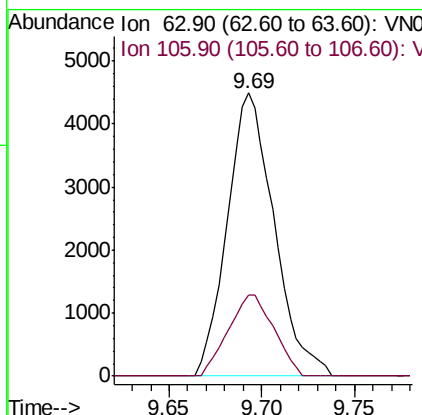
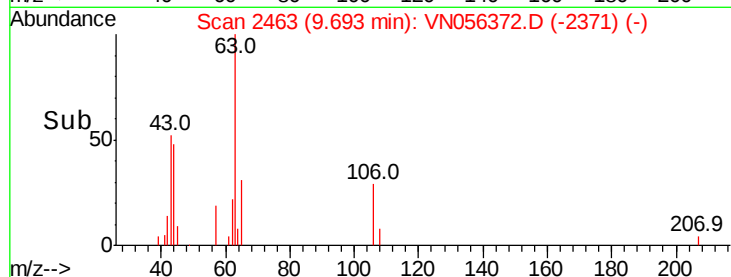
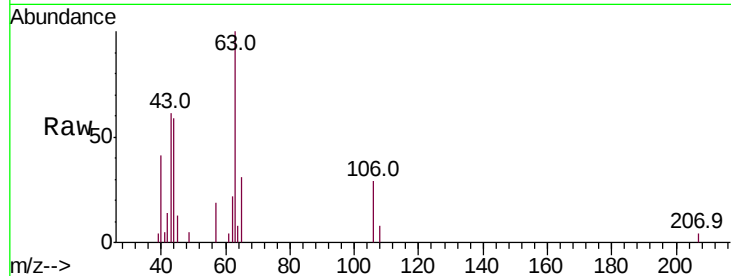
#58
2-Chloroethyl Vinyl ether
Concen: 4.045 ug/l
RT: 9.69 min Scan# 2463
Delta R.T. -0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 63 Resp: 7871
Ion Ratio Lower Upper
63 100
106 27.8 21.6 32.4

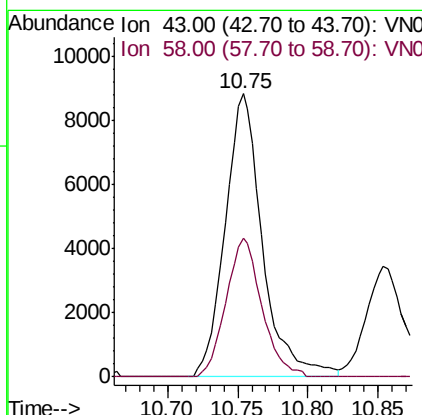
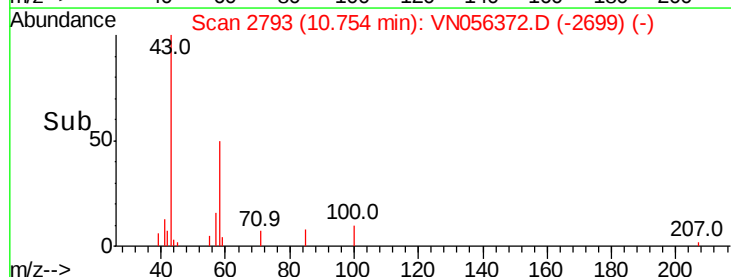
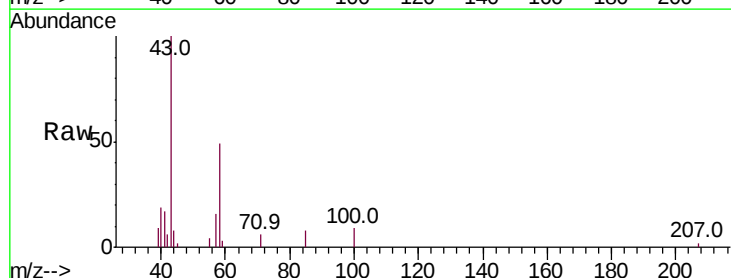
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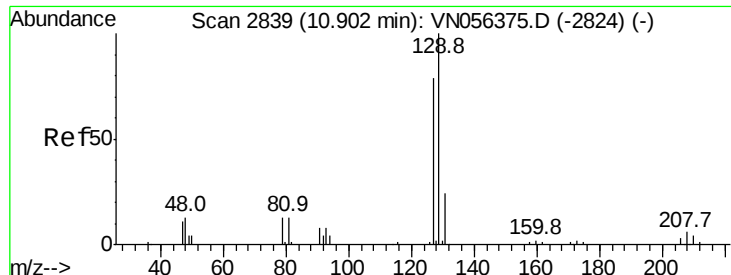
MMDadoda
6/21/2019 10:52:01 PM



#59
2-Hexanone
Concen: 4.627 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Tgt Ion: 43 Resp: 16306
Ion Ratio Lower Upper
43 100
58 46.8 27.8 83.4





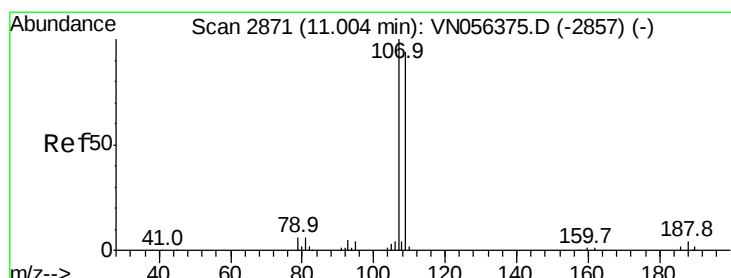
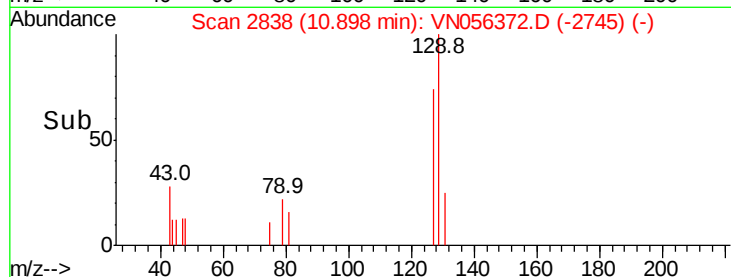
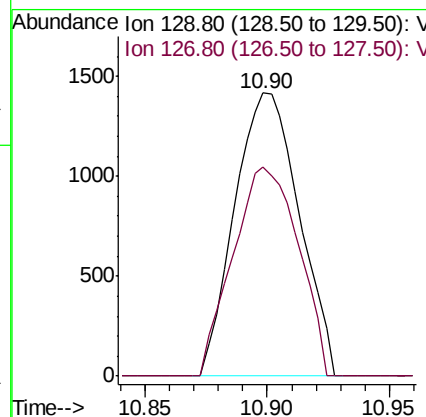
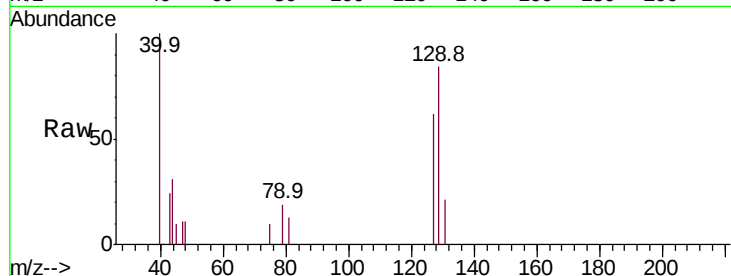
#60
Dibromochloromethane
Concen: 0.771 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:129 Resp: 2594
Ion Ratio Lower Upper
129 100
127 75.1 38.9 116.7

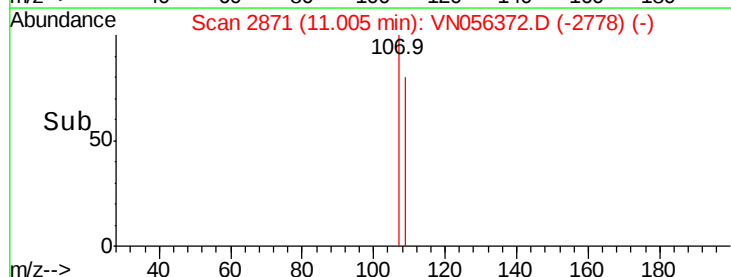
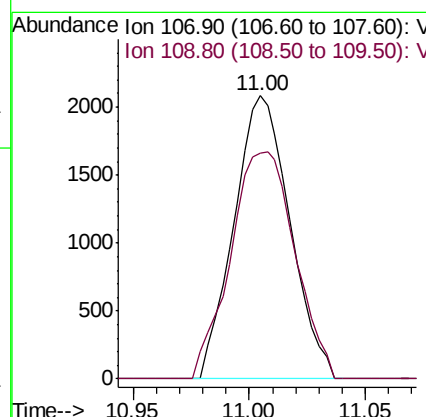
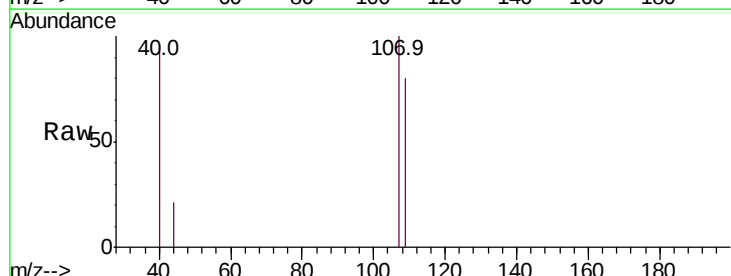
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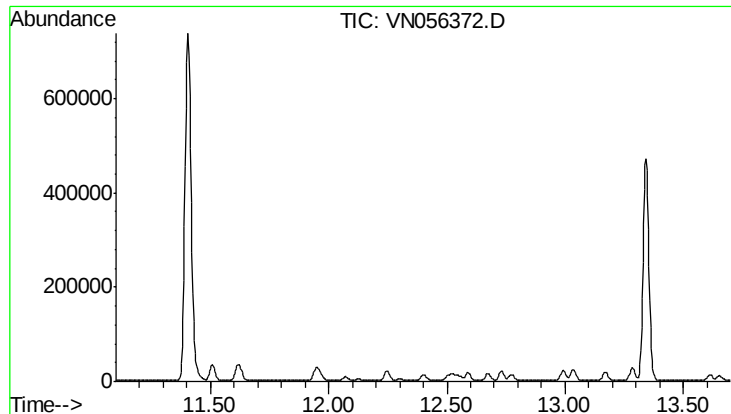
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6/21/2019 10:52:01 PM



#61
1,2-Dibromoethane
Concen: 0.923 ug/l
RT: 11.00 min Scan# 2871
Delta R.T. 0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Tgt Ion:107 Resp: 3493
Ion Ratio Lower Upper
107 100
109 92.2 75.3 112.9





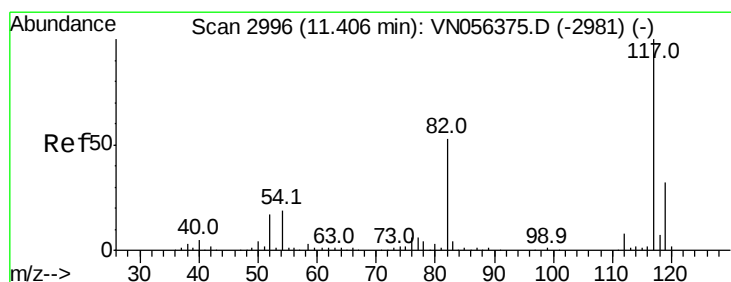
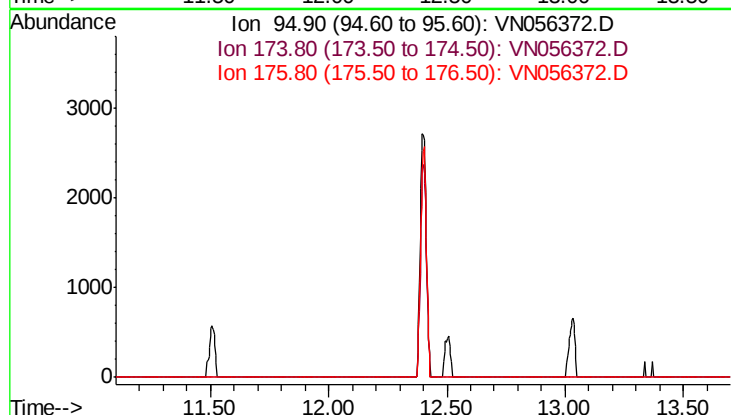
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.40 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	95
Sig	Exp Ratio
95	100
174	89.7
176	86.7

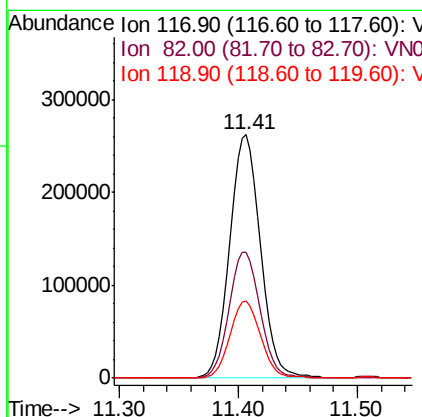
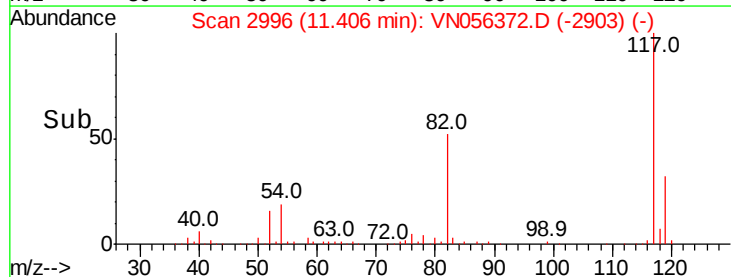
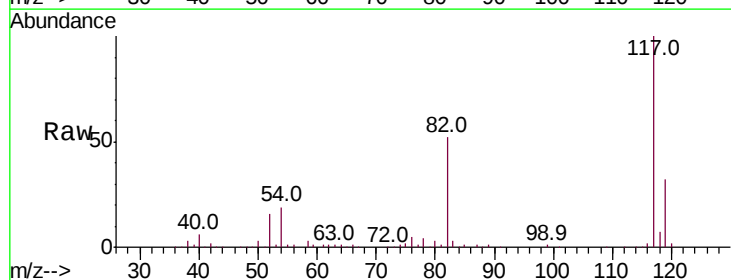
Manual Integrations
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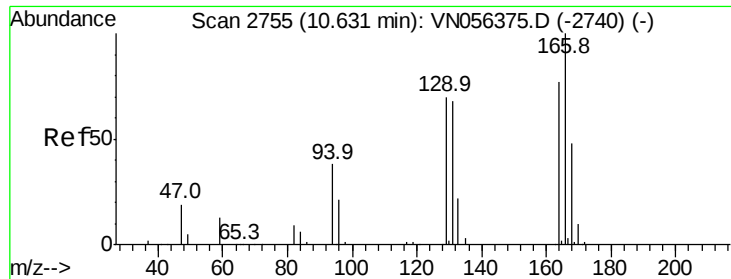
MMDadoda
 6/21/2019 10:52:01 PM



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Tgt Ion	117	Resp	470286
Ion Ratio	Lower	Upper	
117	100		
82	51.6	42.0	63.0
119	31.6	25.3	37.9





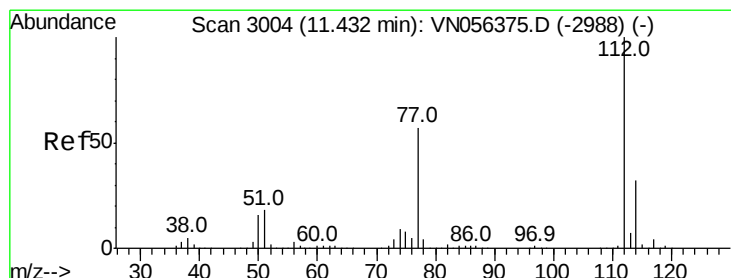
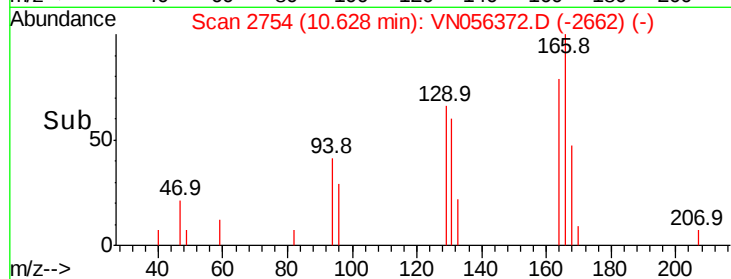
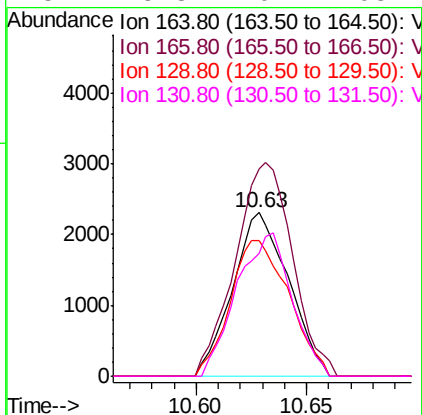
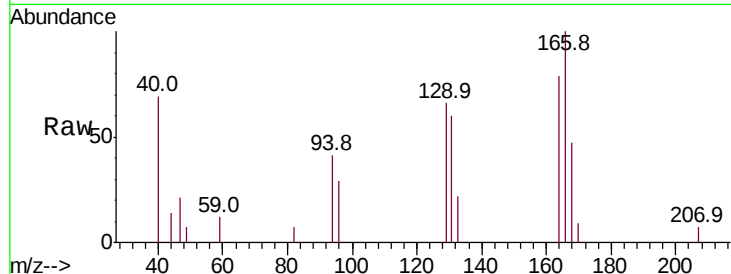
#64
Tetrachloroethene
Concen: 1.092 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion:164 Resp: 4067
Ion Ratio Lower Upper
164 100
166 126.6 103.4 155.0
129 82.9 72.0 108.0
131 75.3 70.2 105.2

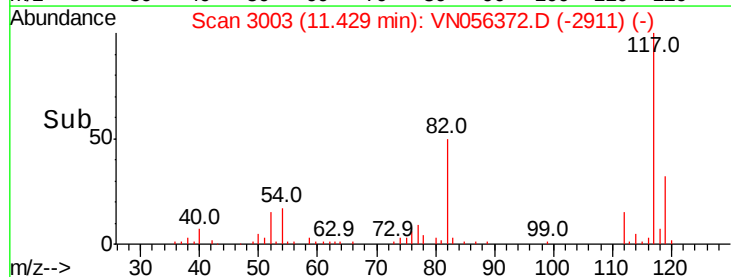
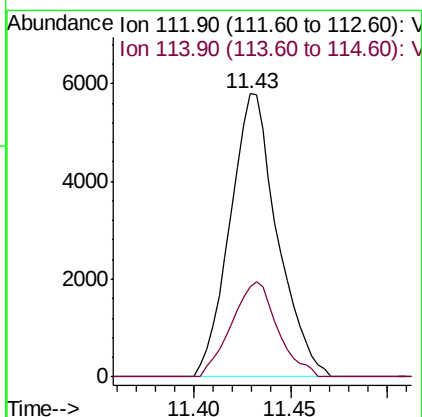
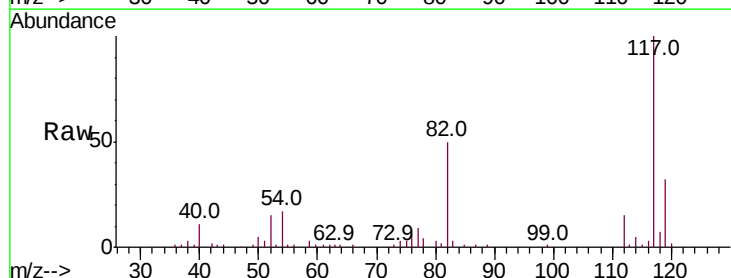
Manual Integrations
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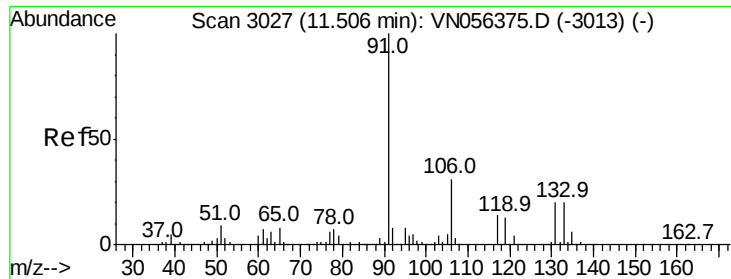
MMDadoda
6/21/2019 10:52:01 PM



#65
Chlorobenzene
Concen: 1.044 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Tgt Ion:112 Resp: 9862
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2





#66

1,1,1,2-Tetrachloroethane

Concen: 0.875 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

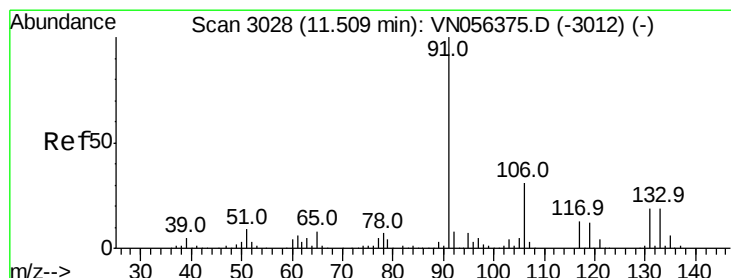
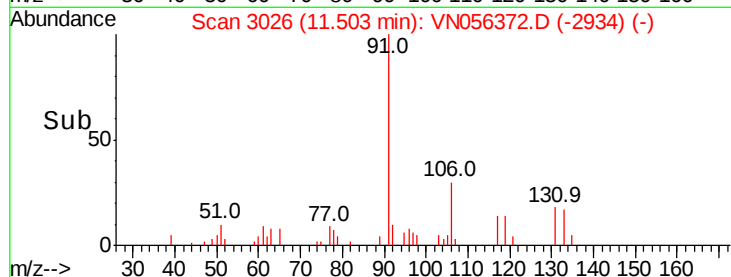
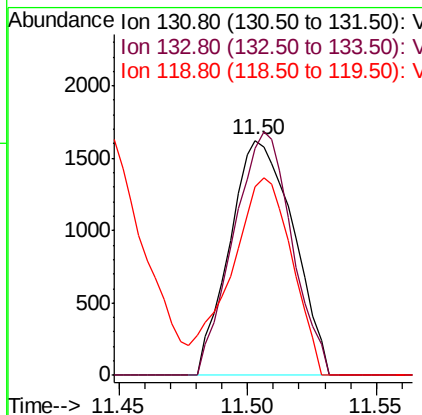
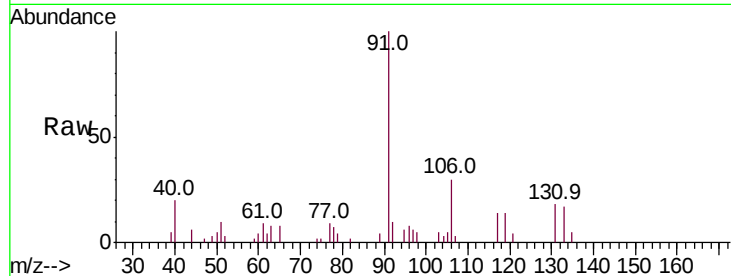
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.1	47.4	142.2
119	0.0	32.8	98.4#

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#67

Ethyl Benzene

Concen: 1.054 ug/l

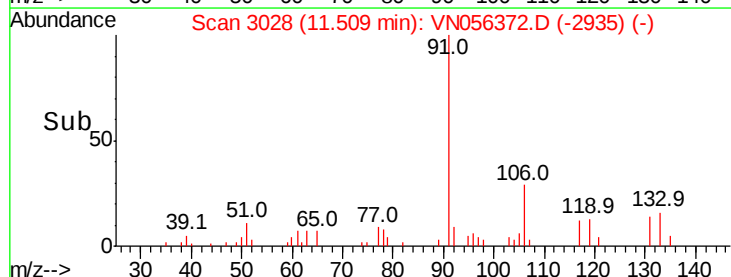
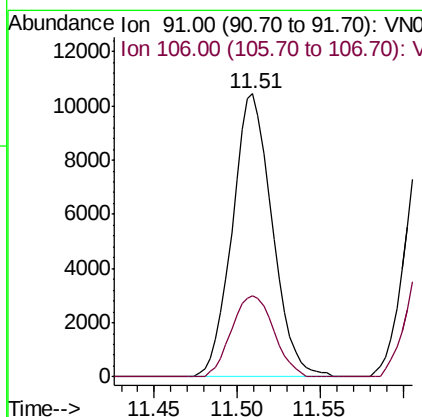
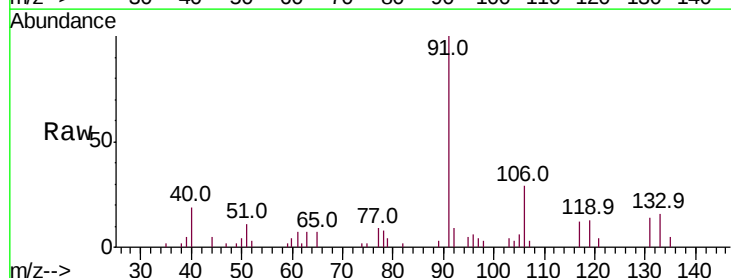
RT: 11.51 min Scan# 3028

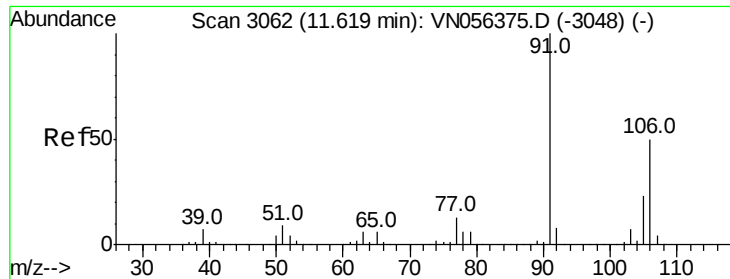
Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.5	25.1	37.7





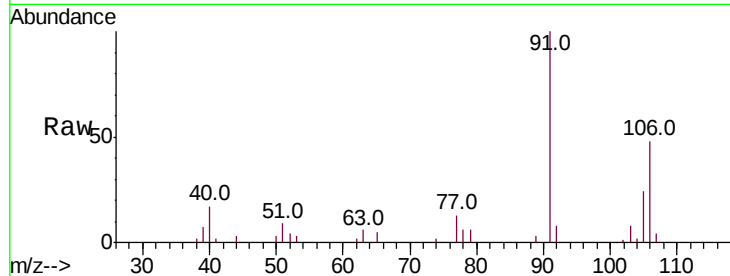
#68
m/p-Xylenes
Concen: 1.892 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

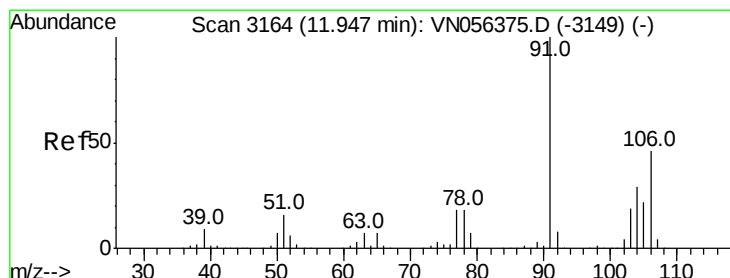
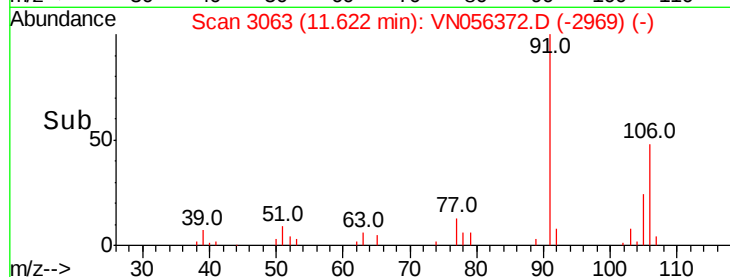
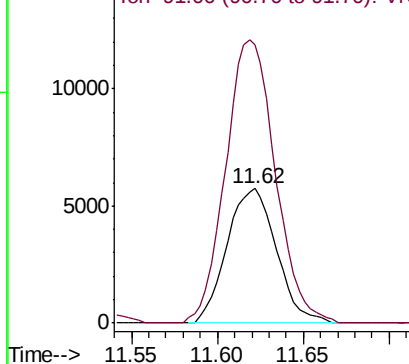
Tot Ion:106 Resp: 11503
Ion Ratio Lower Upper
106 100
91 211.4 160.1 240.1

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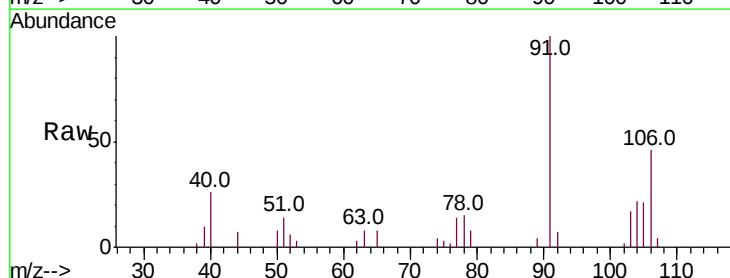


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

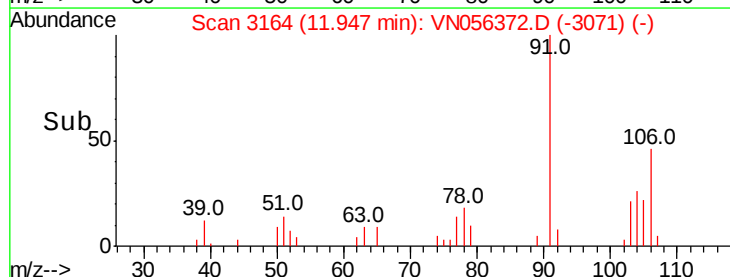
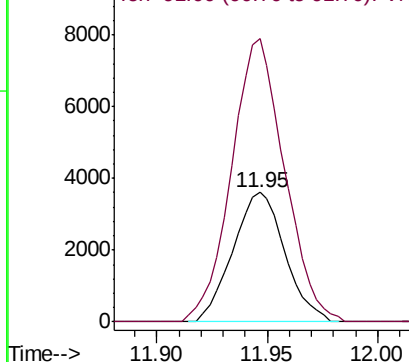


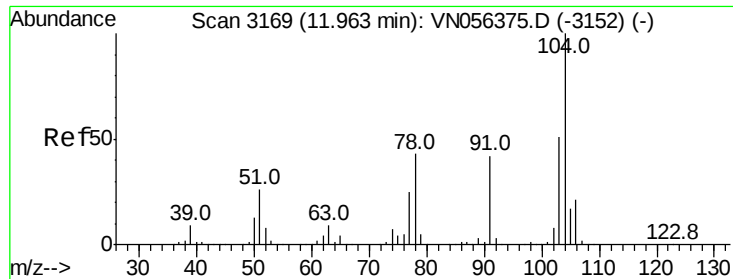
#69
o-Xylene
Concen: 0.977 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Tgt Ion:106 Resp: 5877
Ion Ratio Lower Upper
106 100
91 224.0 107.1 321.3



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





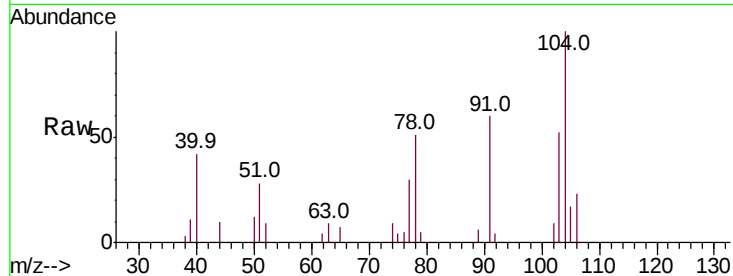
#70
Stvrene
Concen: 0.843 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.9	38.6	57.8
103	56.7	43.9	65.9

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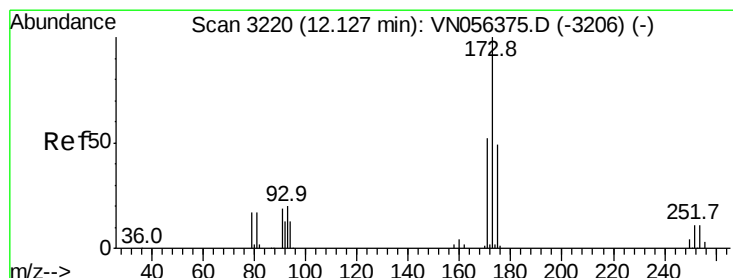
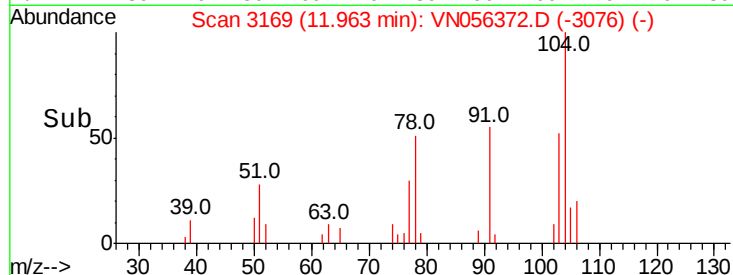
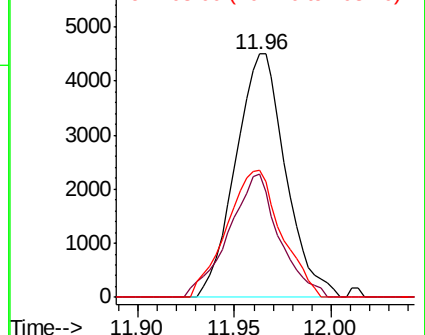


Abundance

Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71
Bromoform
Concen: 0.737 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

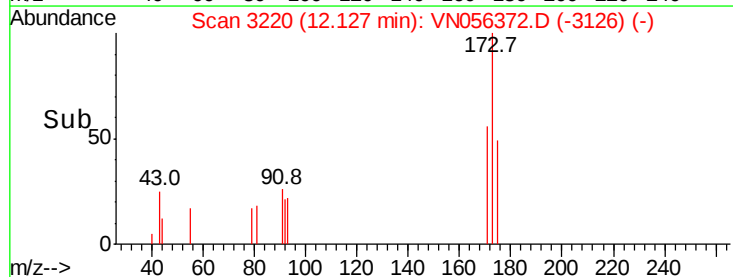
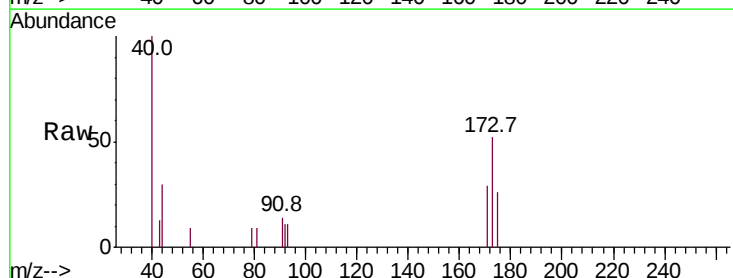
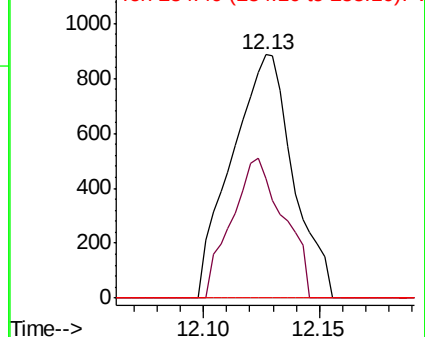
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.4	73.4
254	0.0	0.0	0.0

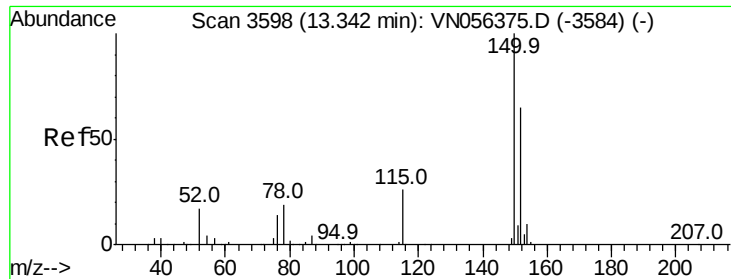
Abundance

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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:152 Resp: 136095

Ion Ratio Lower Upper

152 100

115 56.9 28.1 84.4

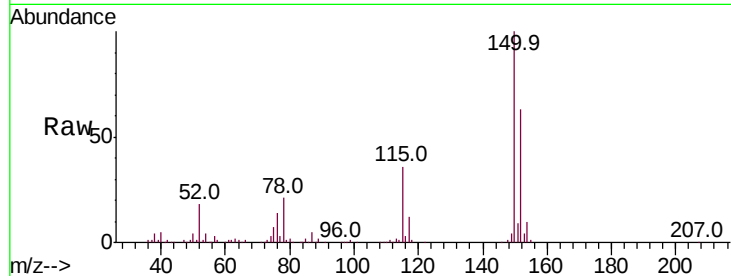
150 159.0 0.0 348.4

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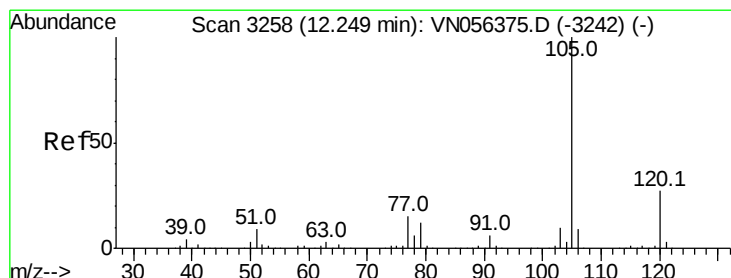
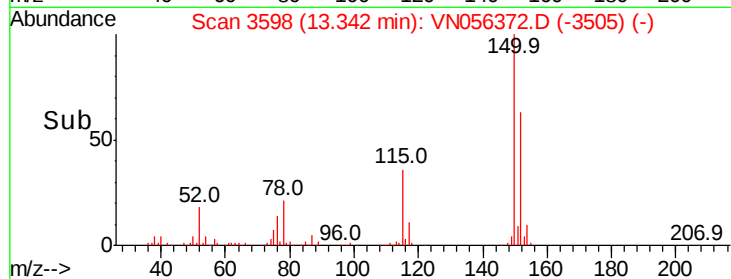
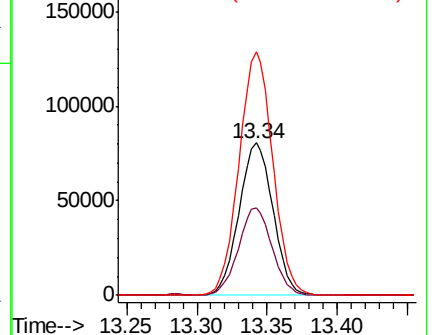
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.241 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN056372.D

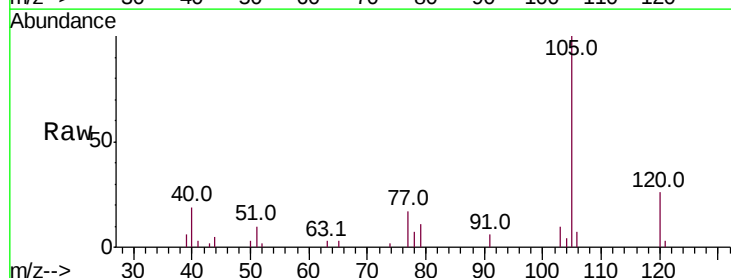
Acq: 19 Jun 2019 8:53

Tgt Ion:105 Resp: 14868

Ion Ratio Lower Upper

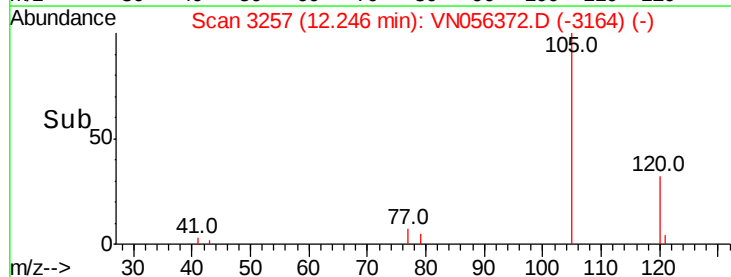
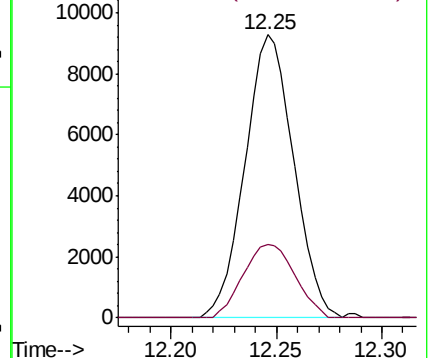
105 100

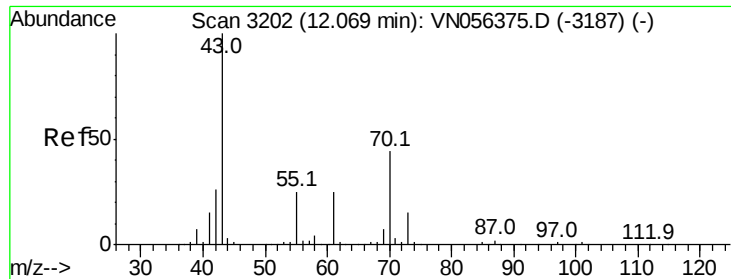
120 27.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.131 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

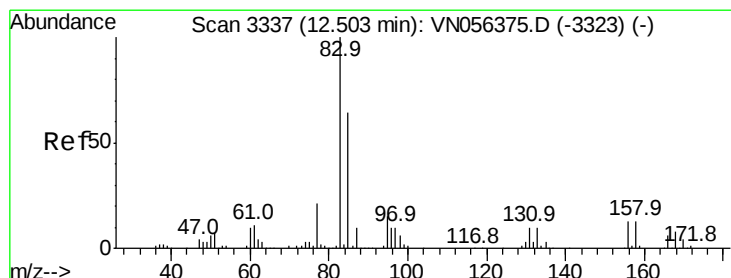
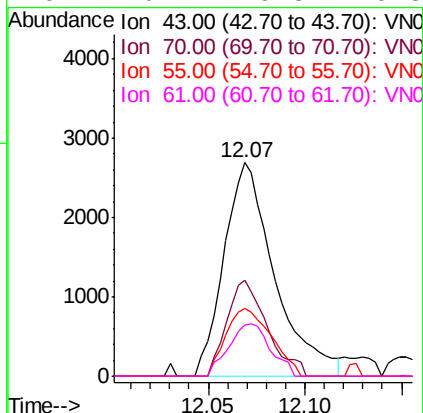
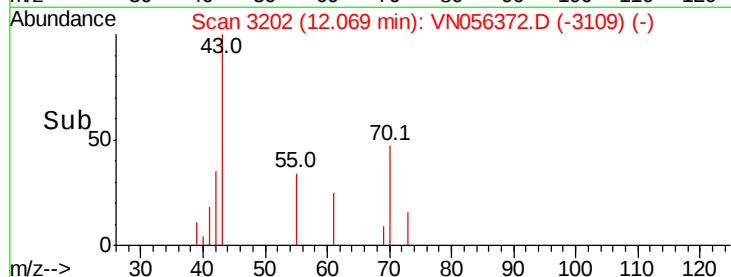
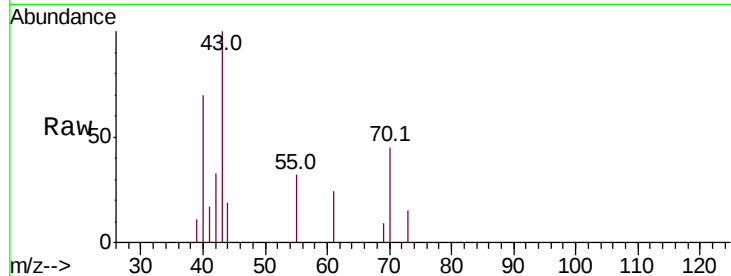
ClientSampled :

VSTDIC001

Tot Ion:	43	Resp:	4897
Ion	Ratio	Lower	Upper
43	100		
70	35.5	34.9	52.3
55	28.4	20.4	30.6
61	20.1	19.8	29.8

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#75

1,1,2,2-Tetrachloroethane

Concen: 1.279 ug/l

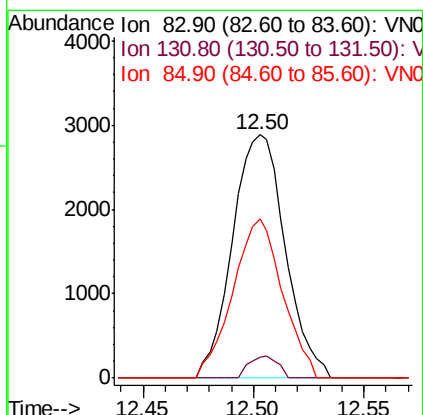
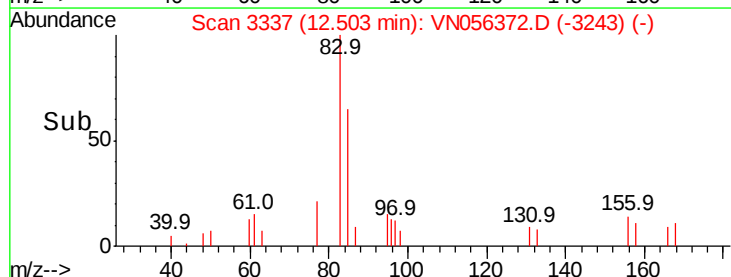
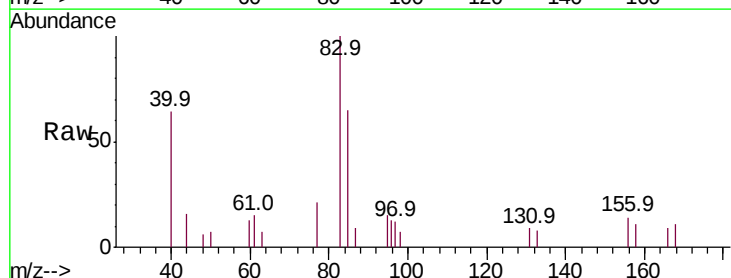
RT: 12.50 min Scan# 3337

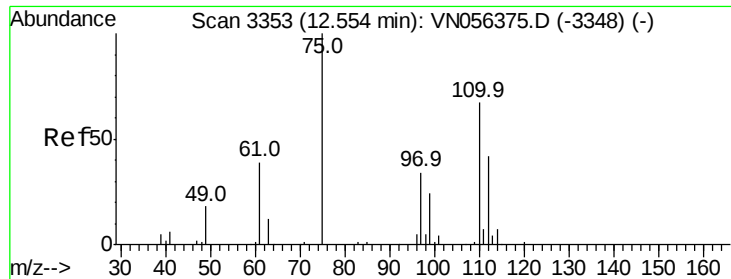
Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Tgt Ion:	83	Resp:	4782
Ion	Ratio	Lower	Upper
83	100		
131	4.9	5.3	15.8#
85	61.4	32.4	97.0





#76

1,2,3-Trichloropropane

Concen: 0.958 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 75 Resp: 2704

Ion Ratio Lower Upper

75 100

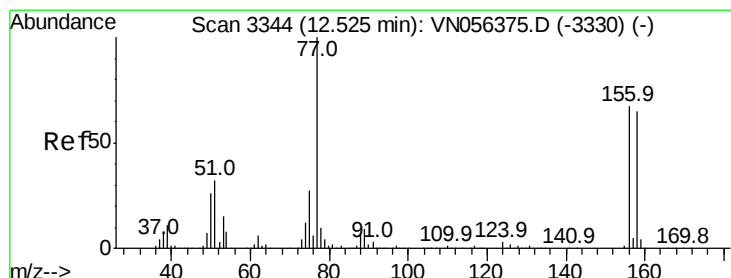
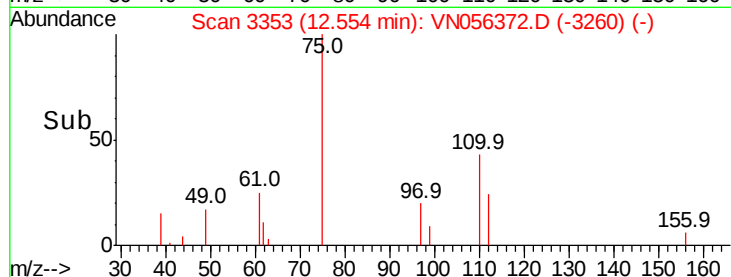
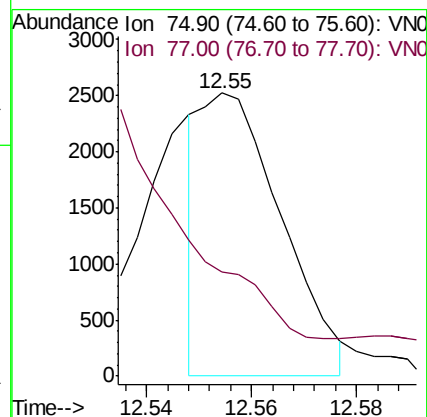
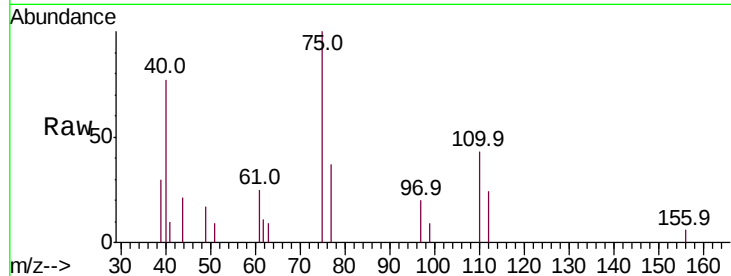
77 0.0 0.0 0.0

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#77

Bromobenzene

Concen: 1.182 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

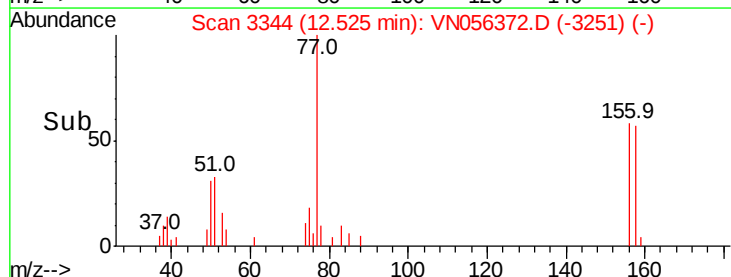
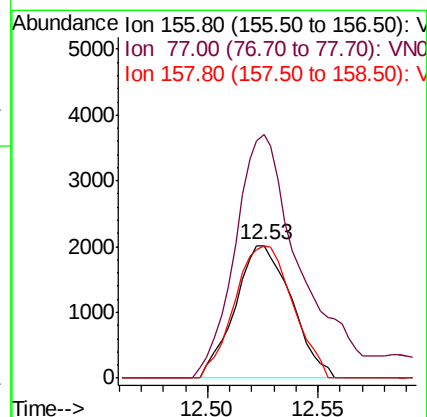
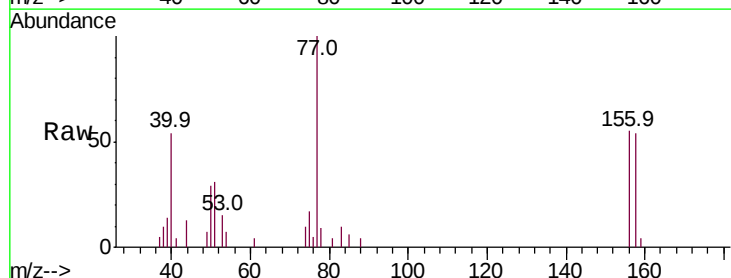
Tgt Ion: 156 Resp: 3597

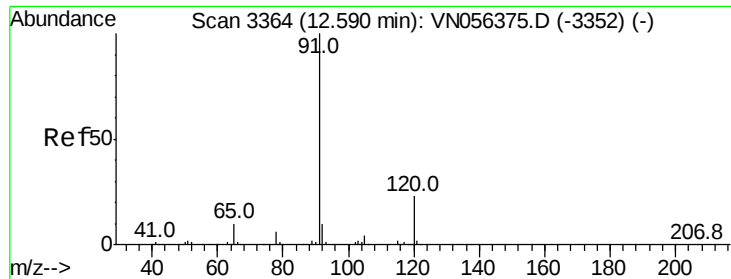
Ion Ratio Lower Upper

156 100

77 211.9 92.5 277.3

158 102.3 48.7 146.1





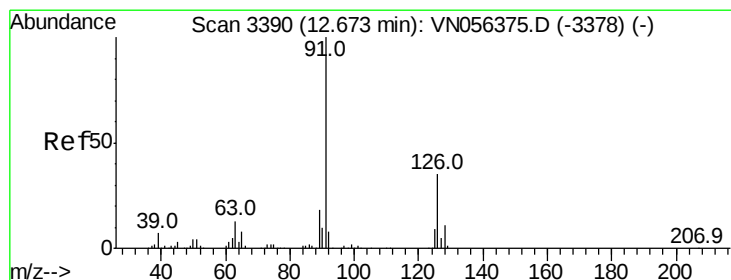
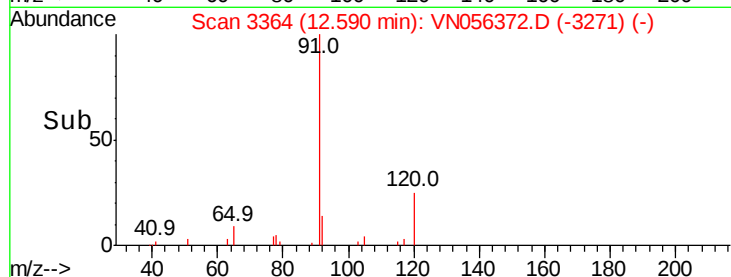
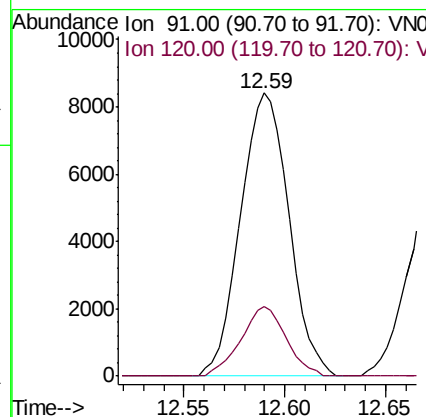
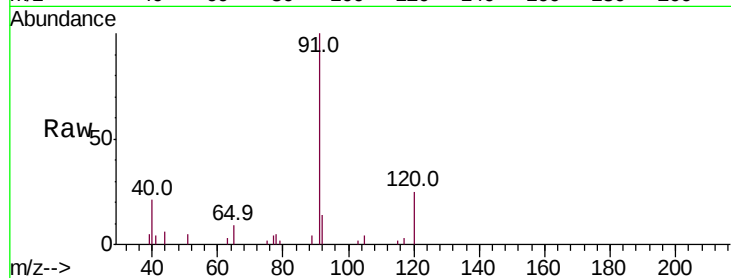
#78
n-propylbenzene
Concen: 1.134 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 91 Resp: 14130
Ion Ratio Lower Upper
91 100
120 23.0 11.8 35.4

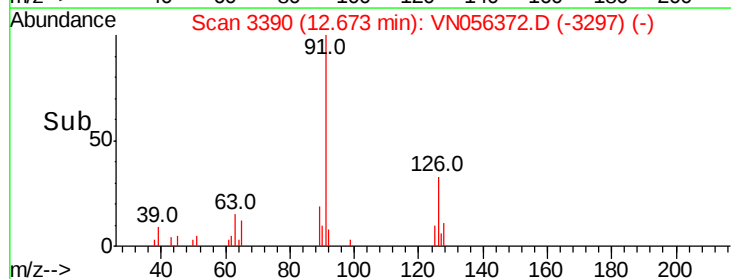
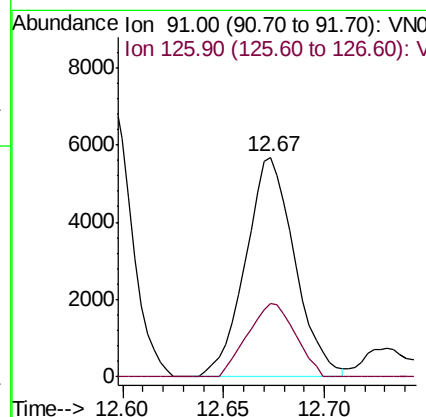
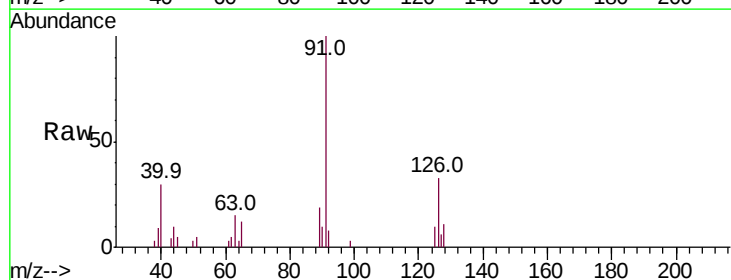
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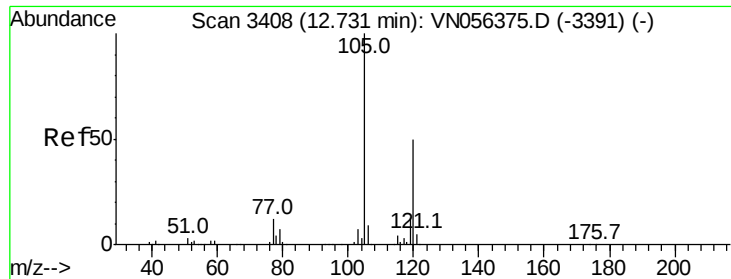
MMDadoda
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#79
2-Chlorotoluene
Concen: 1.229 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Tgt Ion: 91 Resp: 9674
Ion Ratio Lower Upper
91 100
126 32.5 17.6 52.8





#80

1,3,5-Trimethylbenzene

Concen: 1.199 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion:105 Resp: 11709

Ion Ratio Lower Upper

105 100

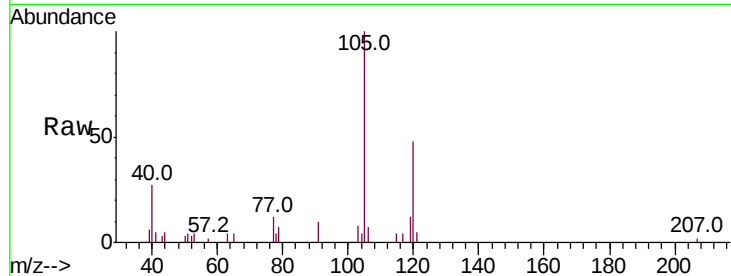
120 47.1 24.8 74.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

8000

6000

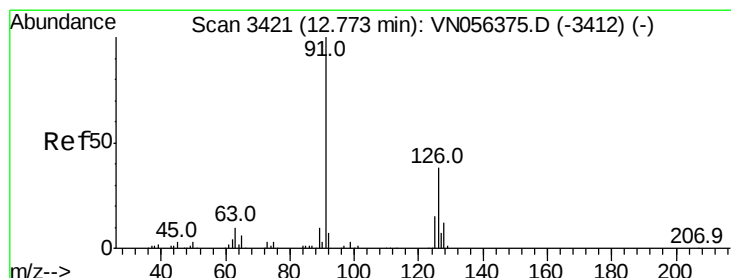
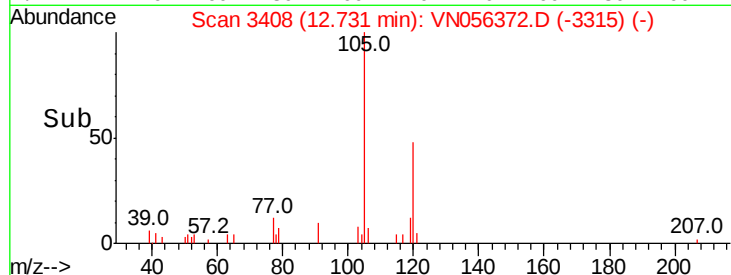
4000

2000

0

12.70 12.75

Time-->



#82

4-Chlorotoluene

Concen: 1.158 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056372.D

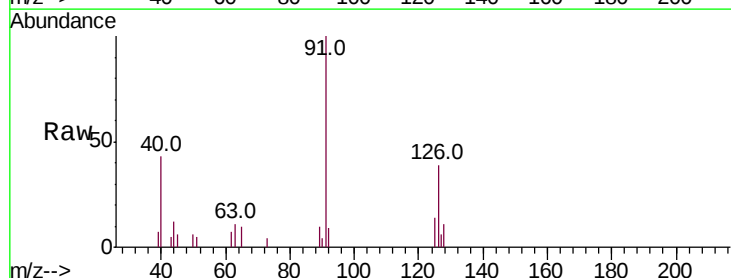
Acq: 19 Jun 2019 8:53

Tgt Ion: 91 Resp: 8521

Ion Ratio Lower Upper

91 100

126 35.1 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V

12.77

5000

4000

3000

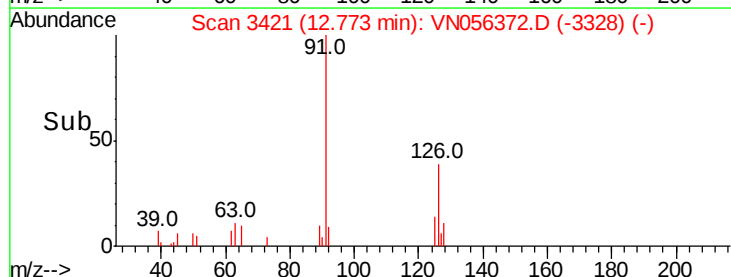
2000

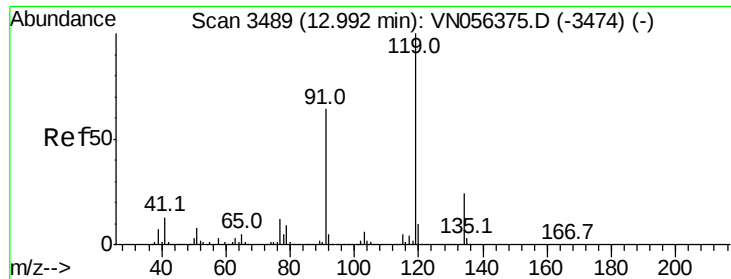
1000

0

12.75 12.80

Time-->





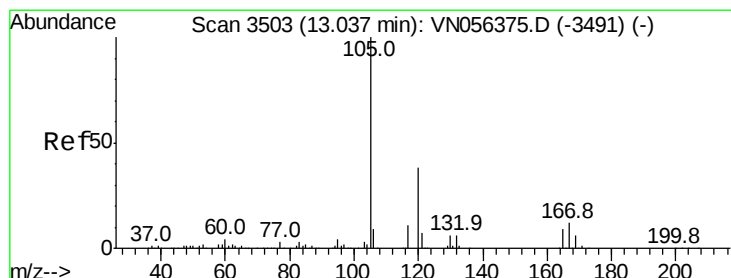
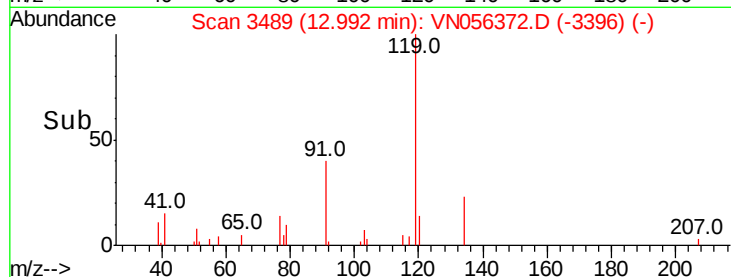
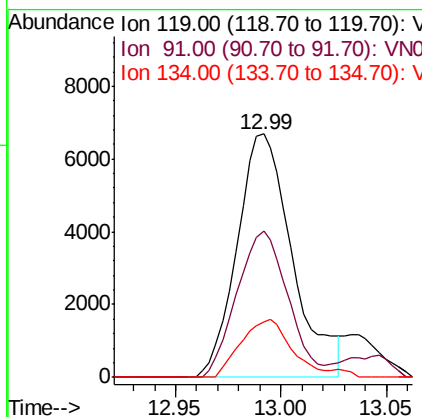
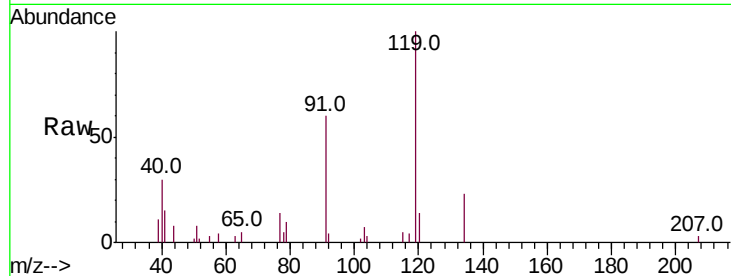
#83
tert-Butylbenzene
Concen: 1.366 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.4	31.6	94.7
134	21.5	13.2	39.5

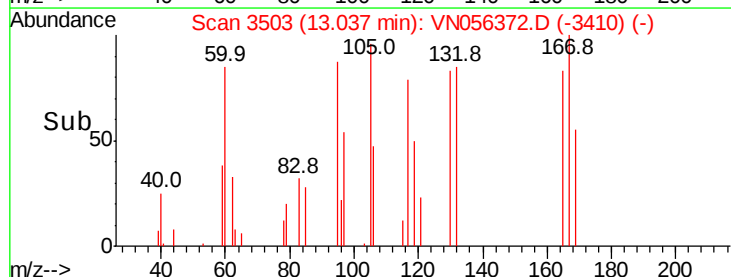
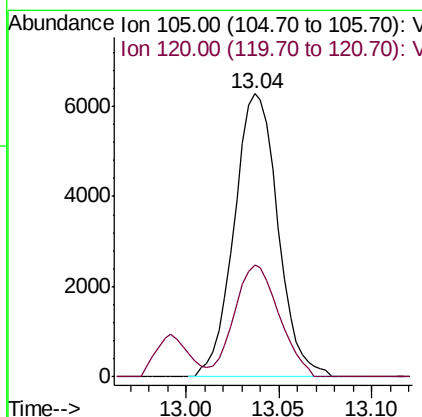
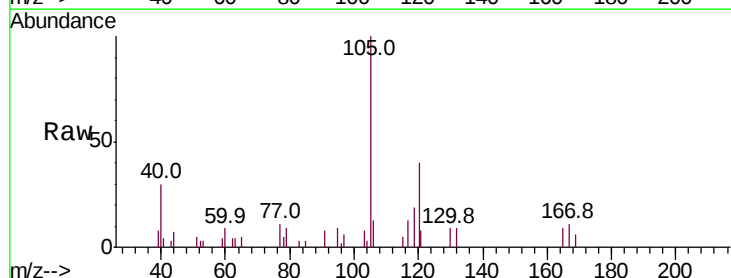
Manual Integrations
APPROVED

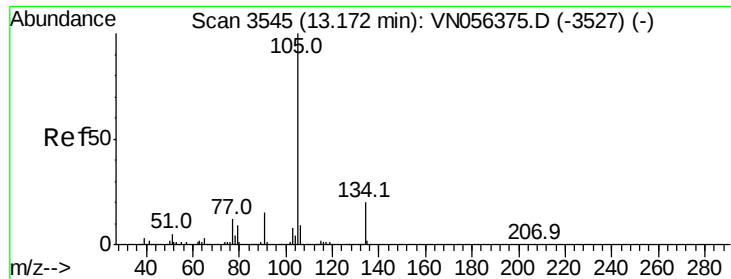
MMDadoda
6/21/2019 10:52:01 PM



#84
1,2,4-Trimethylbenzene
Concen: 1.121 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	40.6	22.9	68.8





#85

sec-Butylbenzene

Concen: 1.169 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 12805

Ion Ratio Lower Upper

105 100

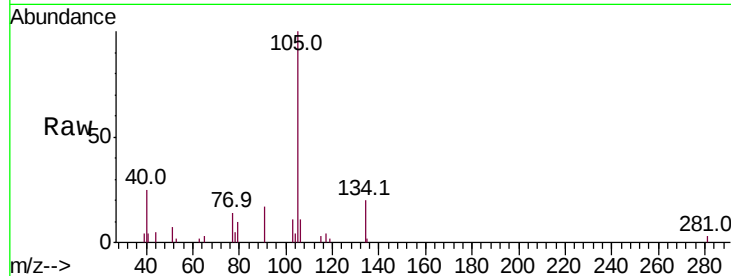
134 18.6 10.2 30.4

Manual Integrations

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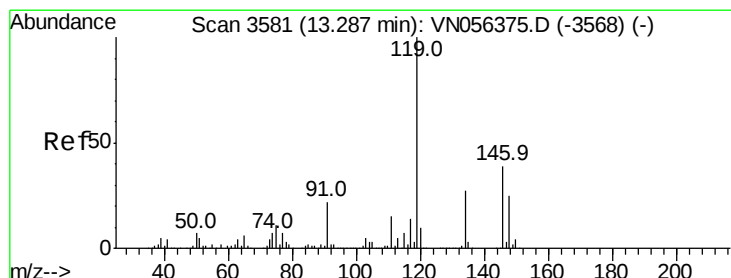
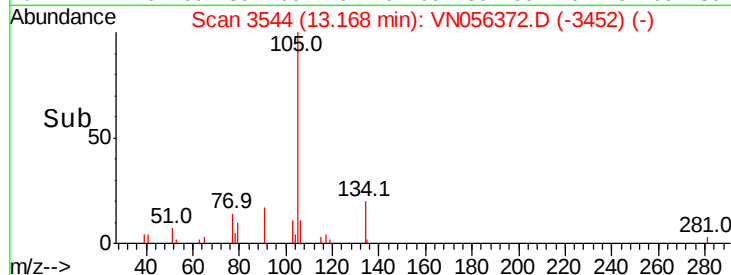
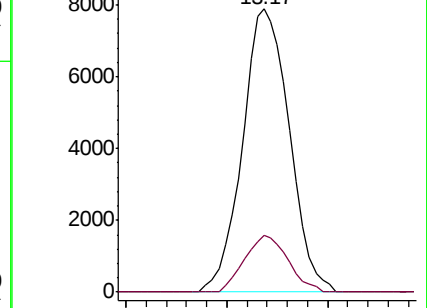
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.060 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

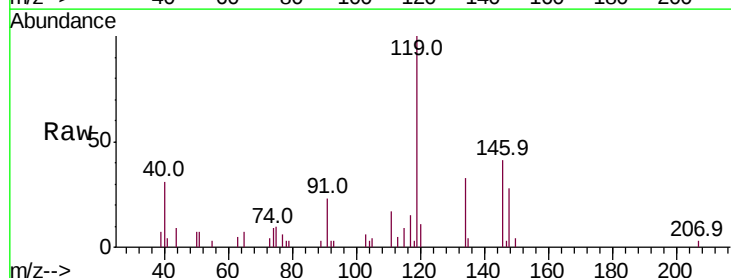
Tgt Ion:119 Resp: 9961

Ion Ratio Lower Upper

119 100

134 29.7 13.5 40.4

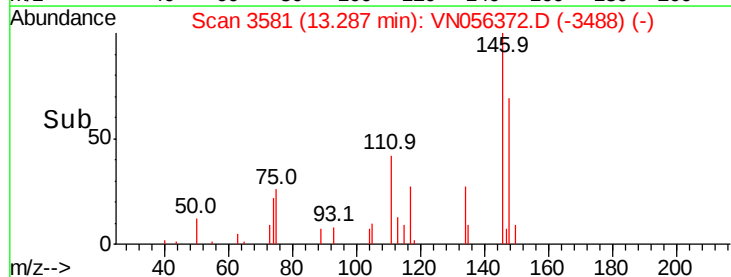
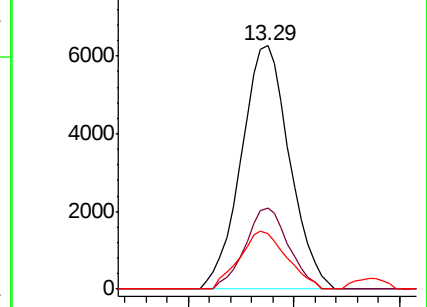
91 23.2 11.2 33.5

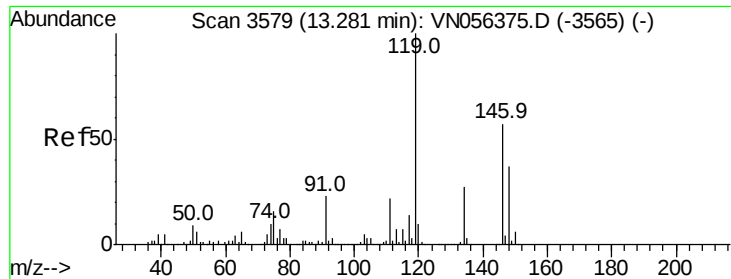


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





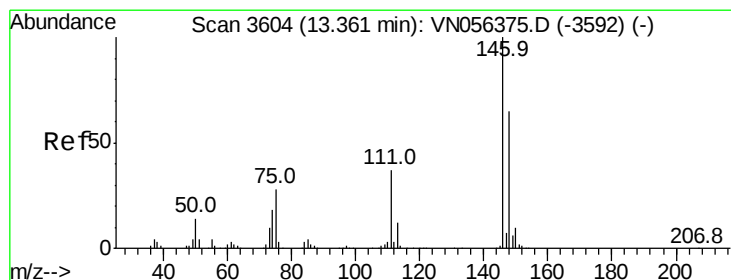
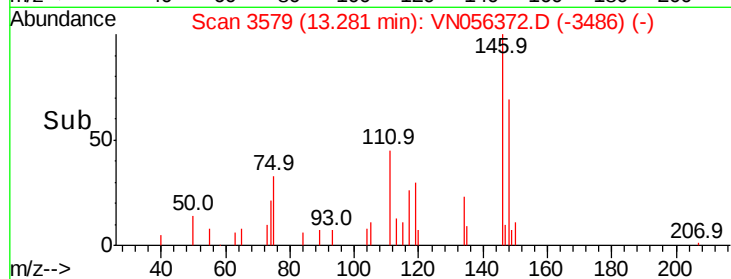
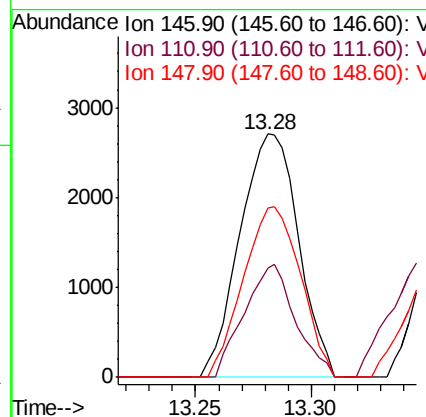
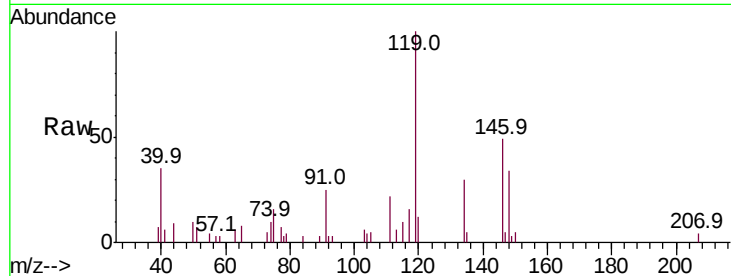
#87
 1,3-Dichlorobenzene
 Concen: 1.028 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	18.9	56.9
148	68.4	32.1	96.5

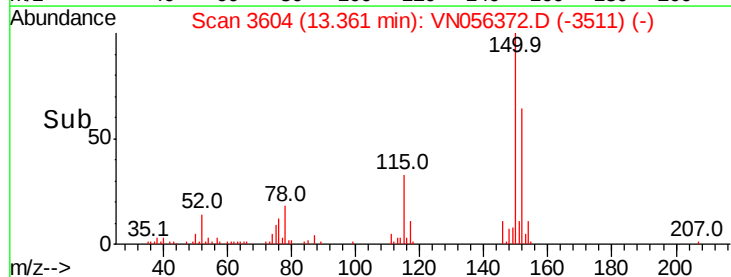
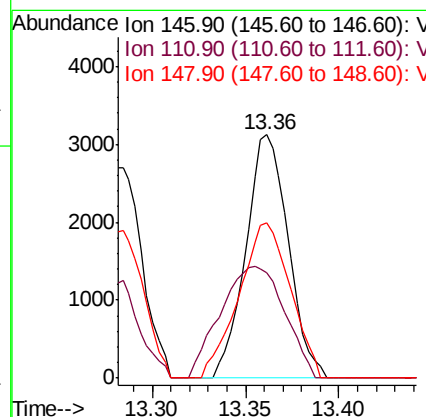
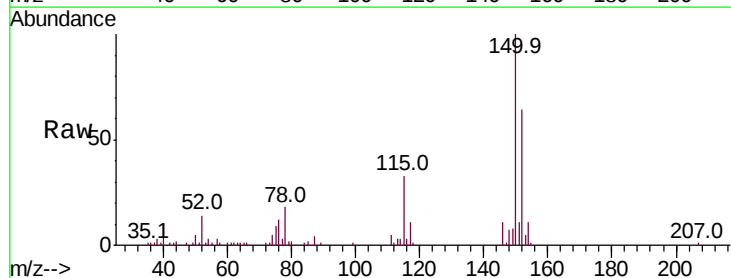
Manual Integrations
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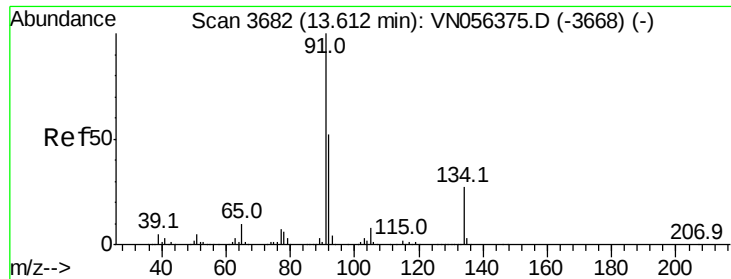
MMDadoda
 6/21/2019 10:52:01 PM



#88
 1,4-Dichlorobenzene
 Concen: 1.104 ug/l m
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.4	55.4
148	65.8	32.4	97.0





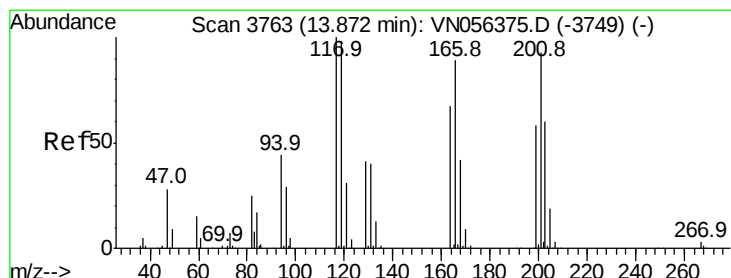
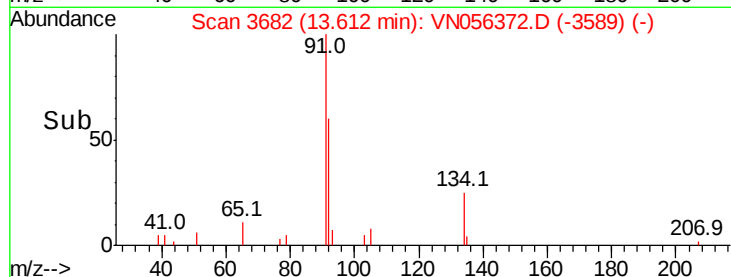
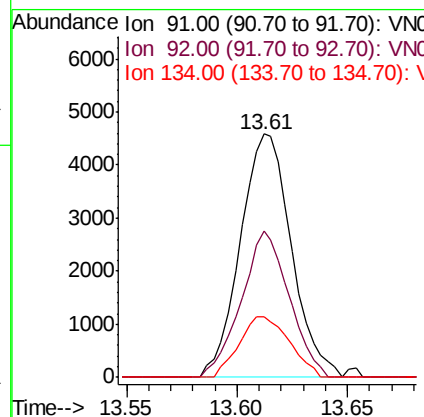
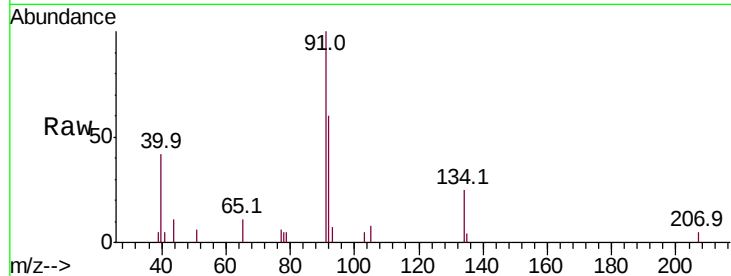
#89
n-Butylbenzene
Concen: 1.036 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	56.4	26.2	78.5
134	24.4	13.4	40.2

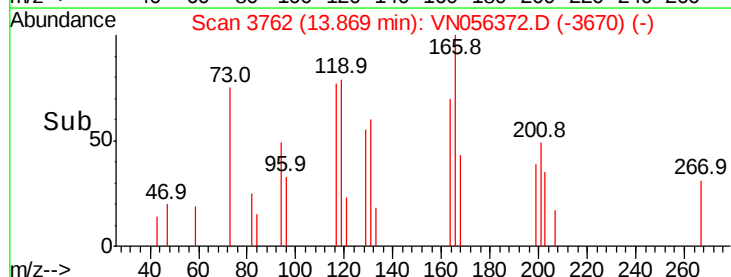
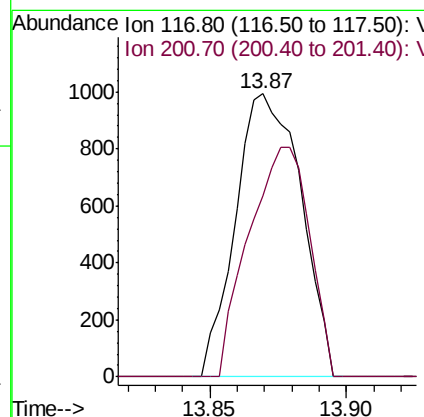
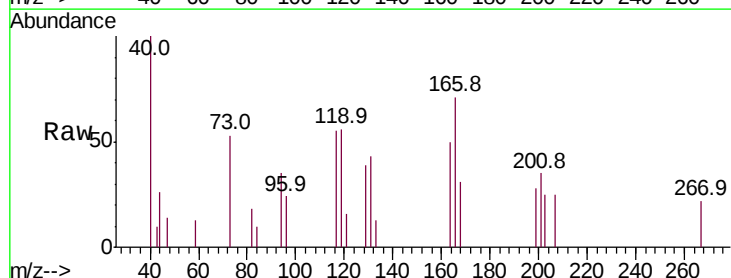
Manual Integrations
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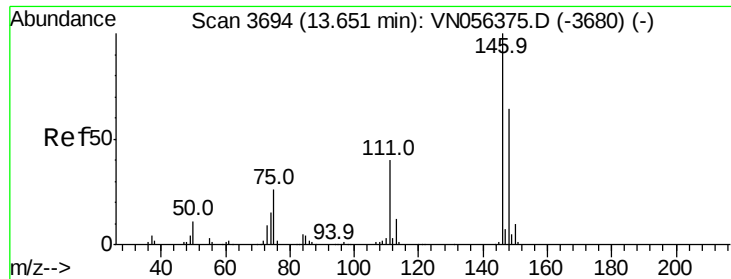
MMDadoda
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#90
Hexachloroethane
Concen: 1.129 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.3	45.9	137.6





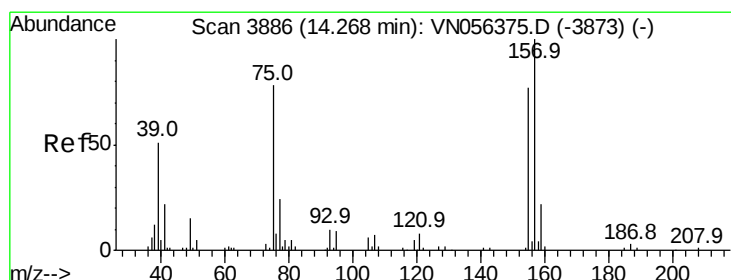
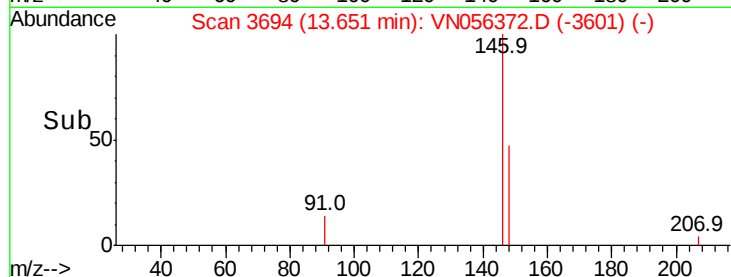
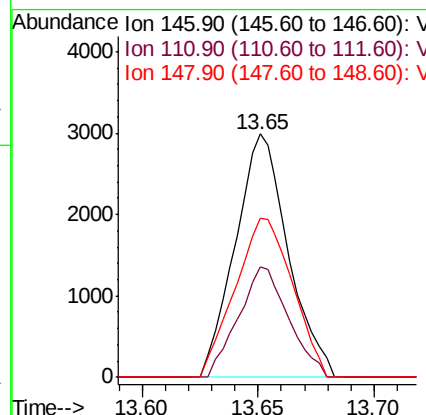
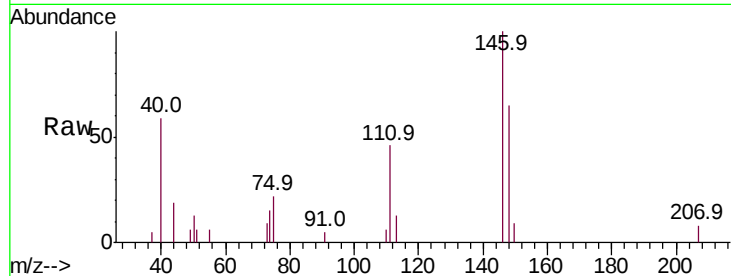
#91
 1,2-Dichlorobenzene
 Concen: 1.033 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	19.3	57.9
148	71.1	32.0	96.0

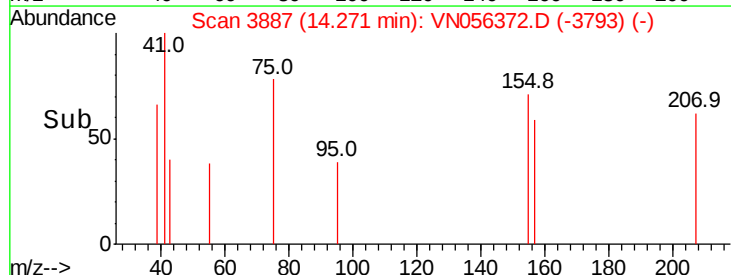
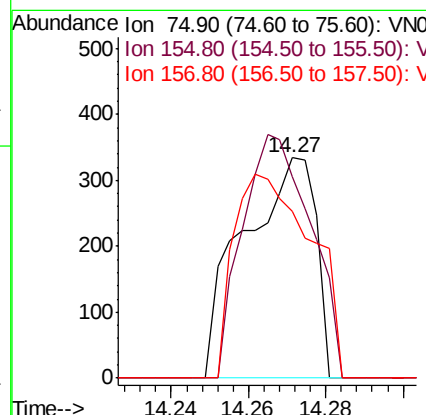
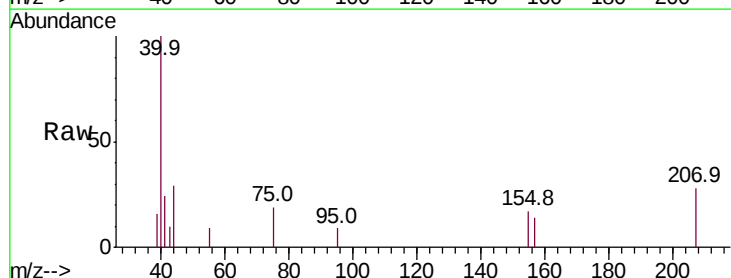
Manual Integrations
 APPROVED

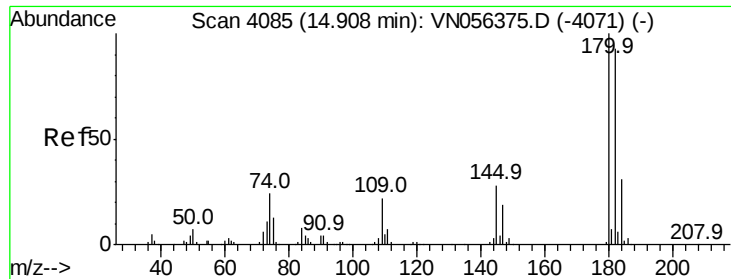
MMDadoda
 6/21/2019 10:52:01 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.864 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.1	48.9	146.8
157	98.4	62.9	188.8





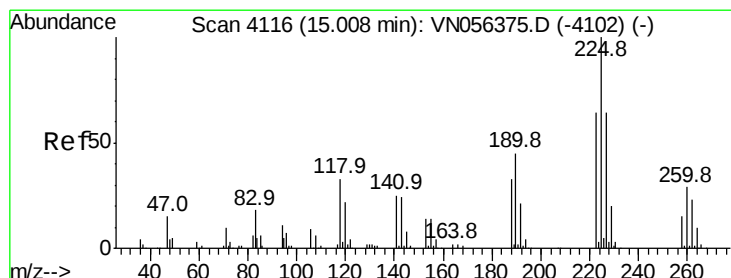
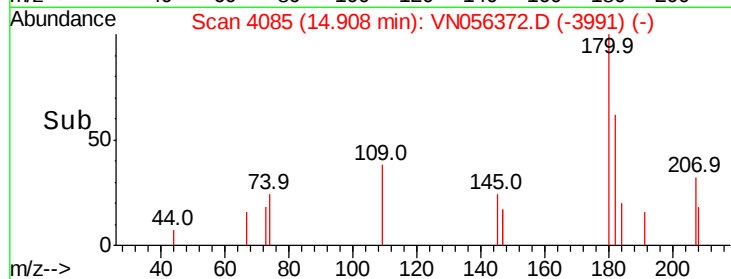
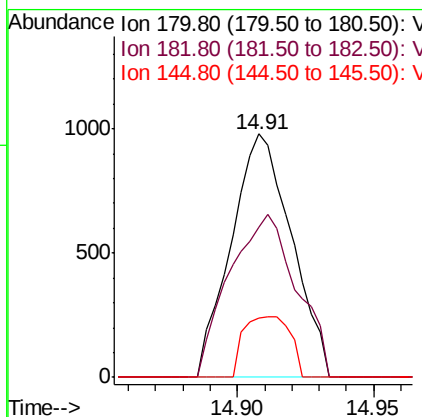
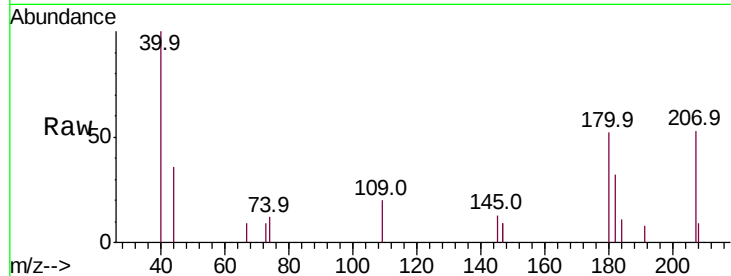
#93
 1,2,4-Trichlorobenzene
 Concen: 0.786 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	74.5	46.9	140.6
145	19.1	14.4	43.0

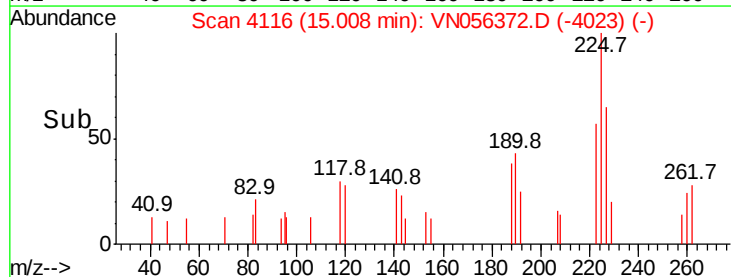
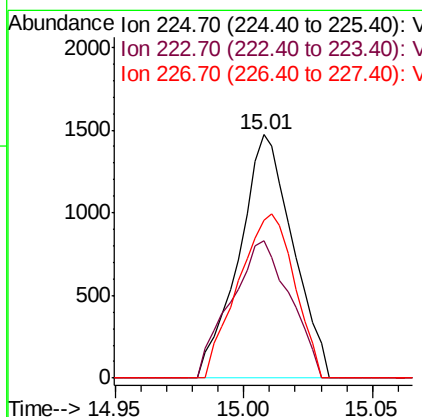
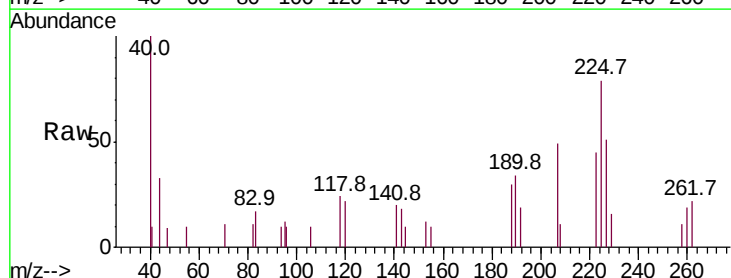
Manual Integrations
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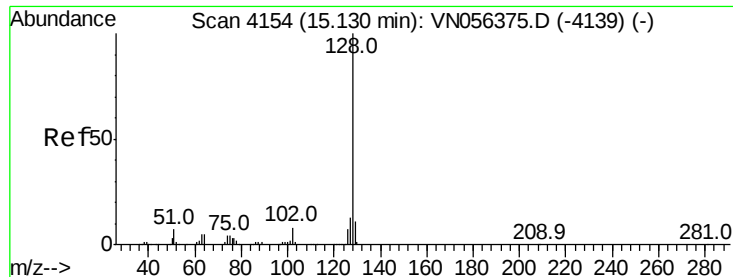
MMDadoda
 6/21/2019 10:52:01 PM



#94
 Hexachlorobutadiene
 Concen: 1.225 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.4	94.3
227	70.4	32.1	96.3





#95

Naphthalene

Concen: 0.723 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

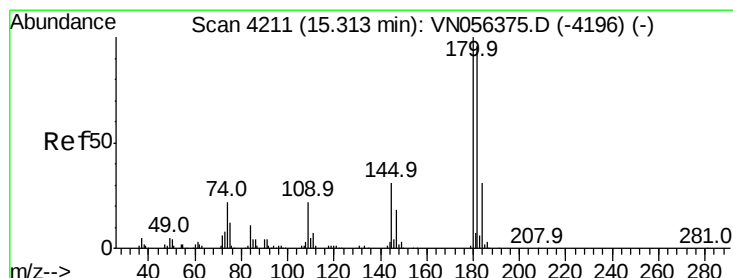
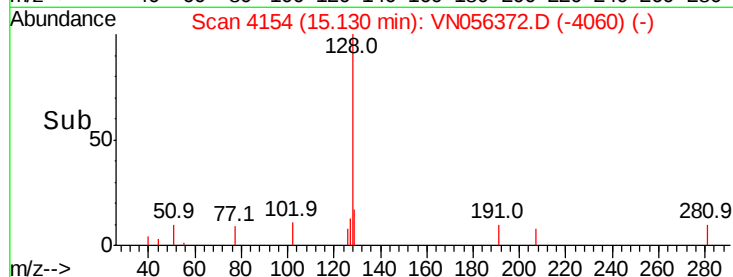
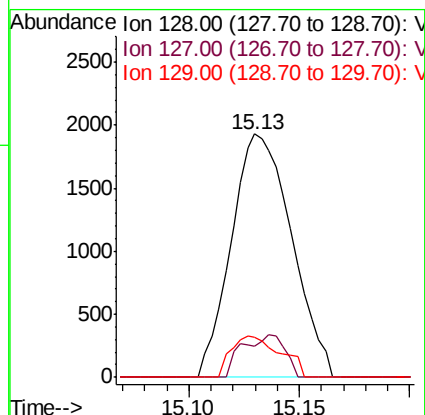
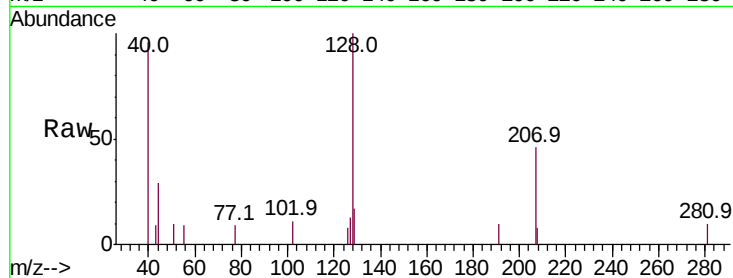
ClientSampled :

VSTDIC001

Tot Ion:	128	Resp:	3647
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.2	15.2
129	13.7	8.6	12.8#

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 0.789 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Tgt Ion:	180	Resp:	1637
Ion Ratio	Lower	Upper	
180	100		
182	89.8	48.3	144.8
145	25.3	15.4	46.1

