

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092118\
 Data File : VN051361.D
 Acq On : 21 Sep 2018 11:30
 Operator : MD\SY
 Sample : VN0921WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/25/2018 10:53:32 AM

Quant Time: Sep 22 07:01:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N082818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 29 01:38:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	122238	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	670174	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	589800	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	219156	28.10	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	93.67%
60) 4-Bromofluorobenzene	12.40	95	259680	29.61	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.70%
63) Toluene-d8	10.09	98	824150	29.96	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.87%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	115854	15.262 ug/l	99
3) Chloromethane	2.06	50	140519	15.676 ug/l	100
4) Vinyl Chloride	2.19	62	150295	16.969 ug/l	100
5) Bromomethane	2.57	94	84435	15.640 ug/l	100
6) Chloroethane	2.71	64	90299	17.285 ug/l	99
7) Trichlorofluoromethane	3.02	101	214912	18.303 ug/l	99
8) Diethyl Ether	3.41	74	64565	15.596 ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.76	101	133332	18.337 ug/l	96
10) 1,1-Dichloroethene	3.74	96	114527	17.339 ug/l	97
11) Methyl Iodide	3.95	142	145902	23.675 ug/l	99
12) Methyl Acetate	4.33	43	89108	11.667 ug/l	98
13) Acrolein	3.61	56	20040	118.494 ug/l	100
14) Acrylonitrile	4.99	53	176450	68.330 ug/l	98
15) Acetone	3.82	58	43203	65.380 ug/l	92
16) Carbon Disulfide	4.05	76	322106	16.219 ug/l	98
17) Allyl chloride	4.32	41	156123	15.022 ug/l	95
18) Methylene Chloride	4.55	84	135791	17.515 ug/l	94
19) trans-1,2-Dichloroethene	5.04	96	120982	17.191 ug/l	95
20) Diisopropyl ether	5.95	45	340225	15.771 ug/l	95
21) 1,1-Dichloroethane	5.85	63	221262	16.728 ug/l	99
22) cis-1,2-Dichloroethene	6.83	96	136125	17.124 ug/l	99
23) tert-Butyl Alcohol	4.78	59	32941	59.982 ug/l	# 100
24) Methyl tert-Butyl Ether	5.05	73	285124	15.783 ug/l	100
25) Chloroform	7.37	83	234196	17.740 ug/l	98
26) Cyclohexane	7.65	56	176389	16.096 ug/l	# 94
29) 1,1-Dichloropropene	7.79	75	169801	16.924 ug/l	98
30) 2-Butanone	6.84	43	184995	59.936 ug/l	96
31) 2,2-Dichloropropane	6.82	77	190848	19.549 ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	204427	17.968 ug/l	98
33) Carbon Tetrachloride	7.77	117	189819	18.526 ug/l	95
34) Benzene	8.04	78	525891	16.943 ug/l	97
35) Methacrylonitrile	7.19	41	51069m	15.102 ug/l	
36) 1,2-Dichloroethane	8.12	62	158150	16.848 ug/l	100
37) Trichloroethene	8.83	130	147143	18.138 ug/l	98
38) Methylcyclohexane	9.08	83	200622	18.618 ug/l	96
39) 1,2-Dichloropropane	9.12	63	137719	16.989 ug/l	99
40) Dibromomethane	9.21	93	81820	16.756 ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	179309	17.419	ug/l	100
42) Vinyl Acetate	5.90	43	1041472	73.257	ug/l	97
43) Ethyl Acetate	6.93	43	83288	13.172	ug/l	98
44) Isopropyl Acetate	8.16	43	155056	13.897	ug/l	100
45) 1,4-Dioxane	9.20	88	21955	264.898	ug/l	97
46) Methyl methacrylate	9.20	41	70652	12.644	ug/l	95
47) n-amyl Acetate	12.07	43	113644	12.669	ug/l	99
48) t-1,3-Dichloropropene	10.38	75	167090	16.559	ug/l	96
49) cis-1,3-Dichloropropene	9.84	75	197881	17.072	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	123436	17.397	ug/l	98
51) Ethyl methacrylate	10.43	69	125204	14.423	ug/l	96
52) 1,3-Dichloropropane	10.71	76	191219	16.271	ug/l	99
53) Dibromochloromethane	10.90	129	143262	17.757	ug/l	99
54) 1,2-Dibromoethane	11.01	107	113278	16.146	ug/l	98
55) 2-Chloroethyl vinyl ether	9.70	63	312275	86.454	ug/l	97
56) Bromoform	12.13	173	98884	17.233	ug/l	99
58) 4-Methyl-2-Pentanone	9.99	43	414423	61.412	ug/l	96
59) 2-Hexanone	10.75	43	267726	60.696	ug/l	98
61) Tetrachloroethene	10.63	164	138517	18.847	ug/l	96
62) Toluene	10.16	91	582983	17.717	ug/l	100
64) Chlorobenzene	11.43	112	371031	18.194	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	143288	18.610	ug/l	99
66) Ethyl Benzene	11.51	91	593970	17.427	ug/l	100
67) m/p-Xylenes	11.62	106	486093	37.067	ug/l	97
68) o-Xylene	11.95	106	229153	18.288	ug/l	99
69) Styrene	11.96	104	359111	18.026	ug/l	99
70) Isopropylbenzene	12.25	105	620429	18.634	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.50	83	139608	15.486	ug/l	98
72) 1,2,3-Trichloropropane	12.55	75	106042m	13.634	ug/l	
73) Bromobenzene	12.53	156	163465	18.660	ug/l	91
74) n-propylbenzene	12.59	91	688155	18.281	ug/l	97
75) 2-Chlorotoluene	12.67	91	415980	18.190	ug/l	98
76) 1,3,5-Trimethylbenzene	12.73	105	523452	19.238	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	34787	15.700	ug/l	97
78) 4-Chlorotoluene	12.77	91	402628	17.880	ug/l	97
79) tert-butylbenzene	12.99	119	461148	19.515	ug/l	97
80) 1,2,4-Trimethylbenzene	13.04	105	523550	19.299	ug/l	100
81) sec-Butylbenzene	13.17	105	620941	20.083	ug/l	98
82) p-Isopropyltoluene	13.29	119	541297	20.283	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	275453	18.598	ug/l	98
84) 1,4-Dichlorobenzene	13.36	146	262103	18.677	ug/l	100
85) n-Butylbenzene	13.61	91	391303	19.216	ug/l	99
86) Hexachloroethane	13.87	117	105704	20.635	ug/l	90
87) 1,2-Dichlorobenzene	13.65	146	271539	18.626	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.27	75	19000	15.065	ug/l	91
89) 1,2,4-Trichlorobenzene	14.91	180	115976	17.870	ug/l	99
90) Hexachlorobutadiene	15.01	225	109697	24.878	ug/l	97
91) Naphthalene	15.13	128	175378	17.222	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	119583	18.362	ug/l	98

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QLast Update : Wed Aug 29 01:38:44 2018
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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

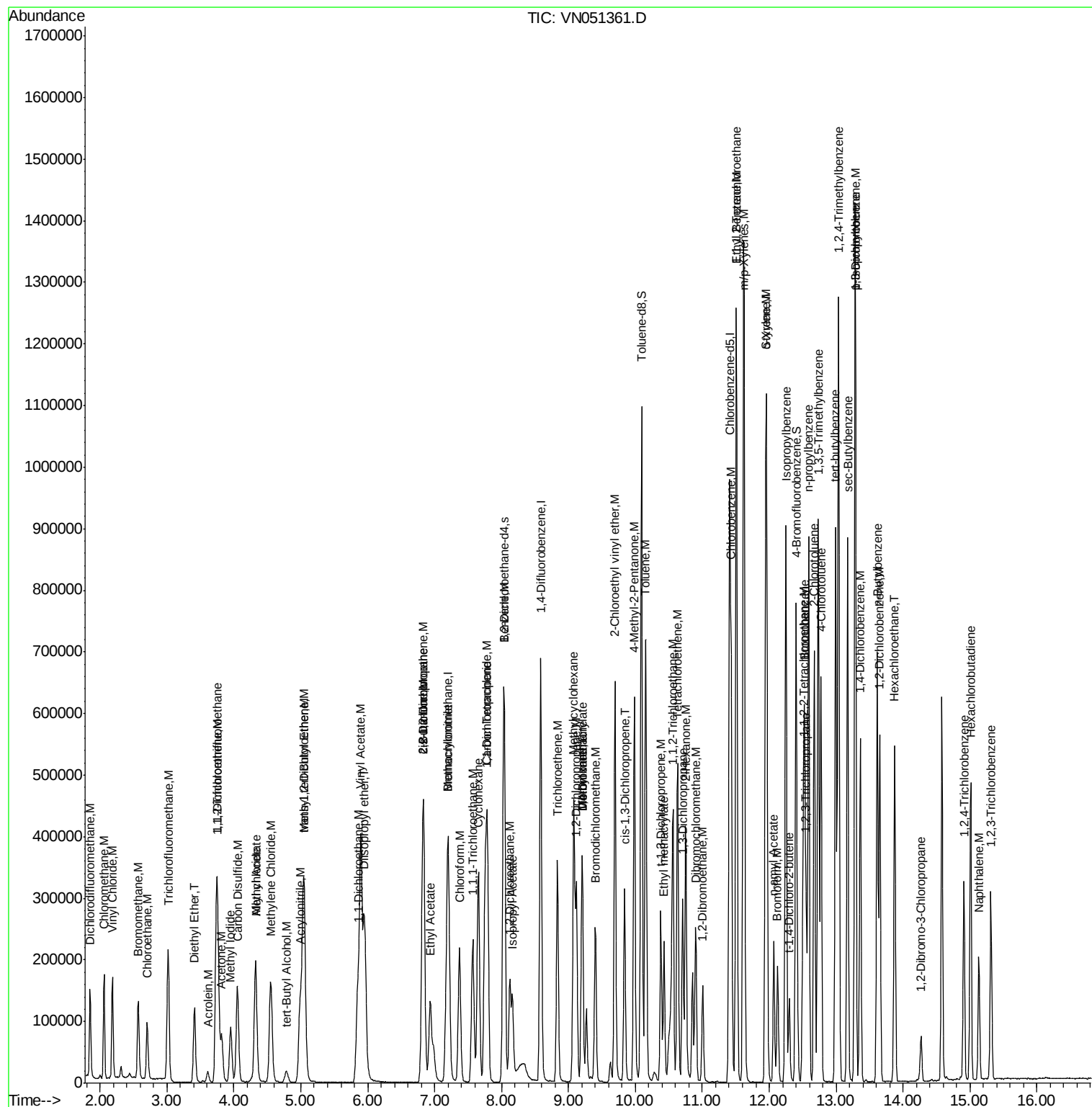
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092118\
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.01 min

Lab File: VN051361.D

Acq: 21 Sep 2018 11:30

Instrument :

MSVOA_N

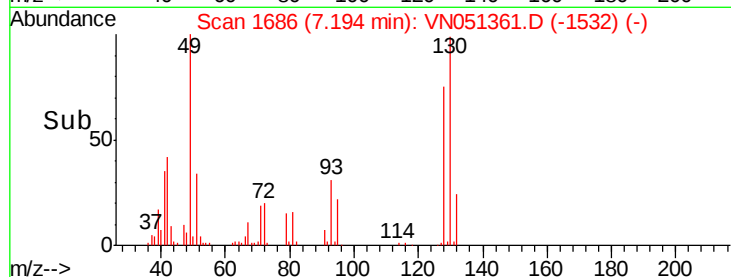
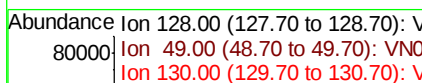
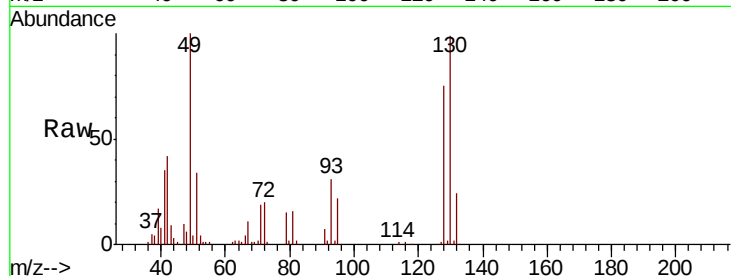
ClientSampleId :

VN0921WBS01

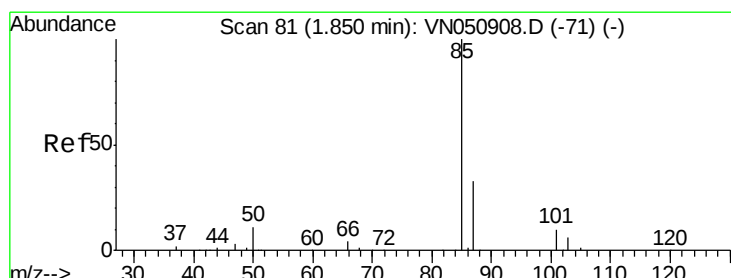
Tgt Ion:	128	Resp:	122238
Ion	Ratio	Lower	Upper
128	100		
49	132.6	0.0	380.3
130	130.5	0.0	325.3

Manual Integrations
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9/25/2018 10:53:32 AM



Time-->



#2

Dichlorodifluoromethane

Concen: 15.262 ug/l

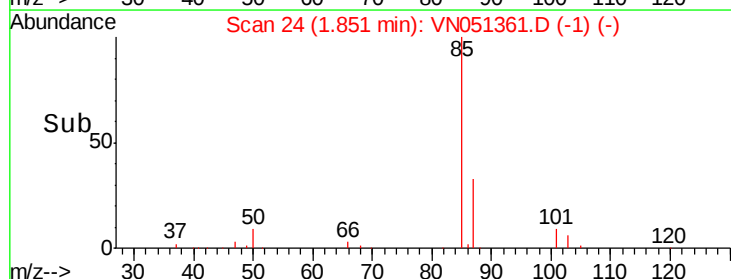
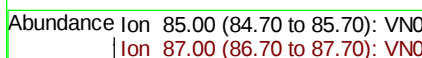
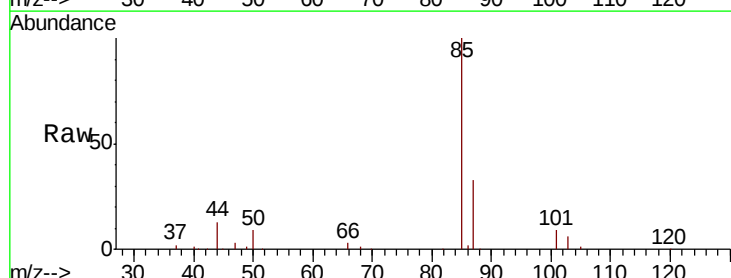
RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

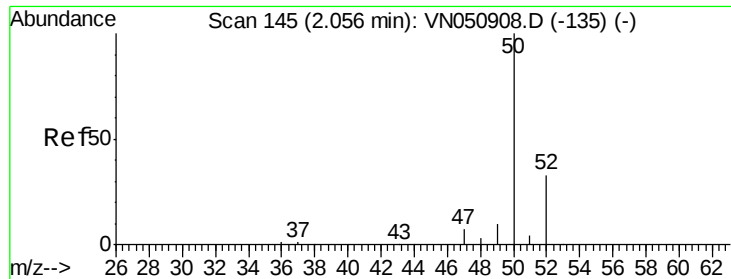
Lab File: VN051361.D

Acq: 21 Sep 2018 11:30

Tgt Ion:	85	Resp:	115854
Ion	Ratio	Lower	Upper
85	100		
87	33.5	16.4	49.1



Time-->



#3

Chloromethane

Concen: 15.676 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051361.D

Acq: 21 Sep 2018 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS01

Tgt Ion: 50 Resp: 140519

Ion Ratio Lower Upper

50 100

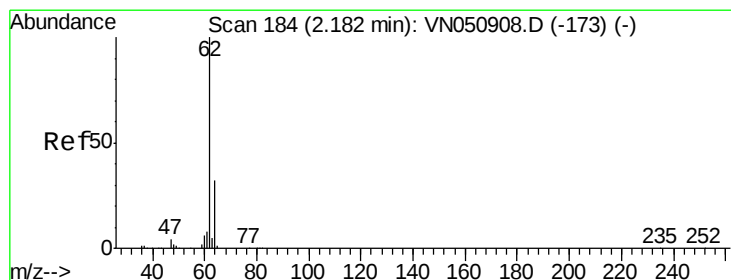
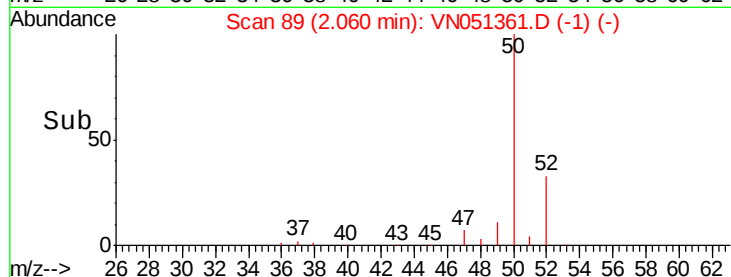
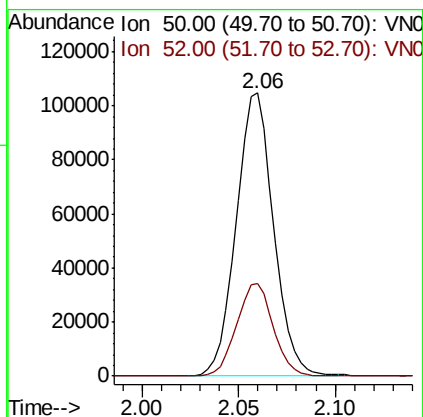
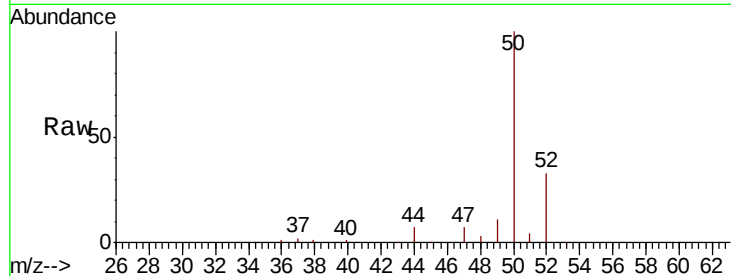
52 32.8 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 16.969 ug/l

RT: 2.19 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN051361.D

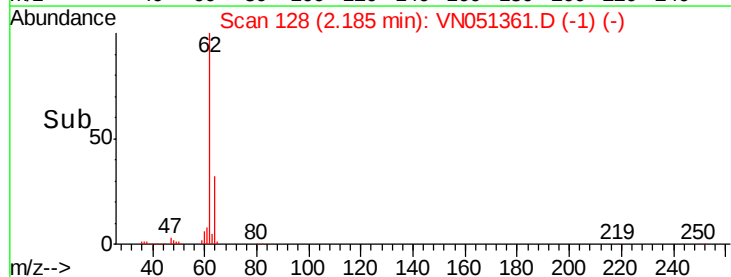
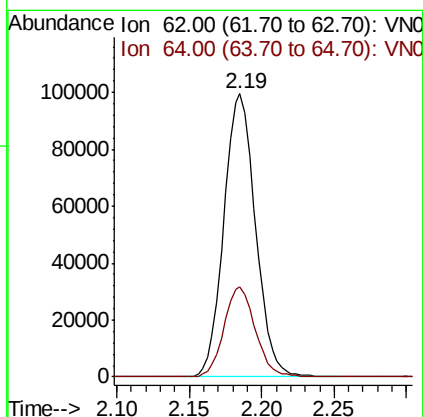
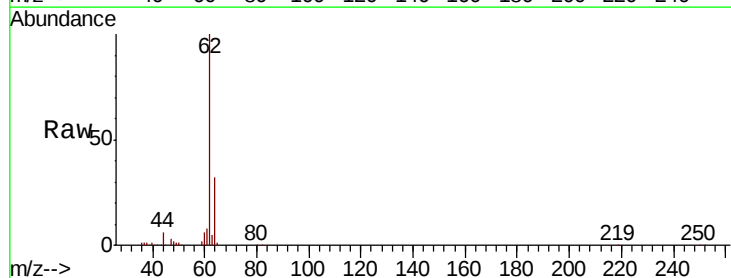
Acq: 21 Sep 2018 11:30

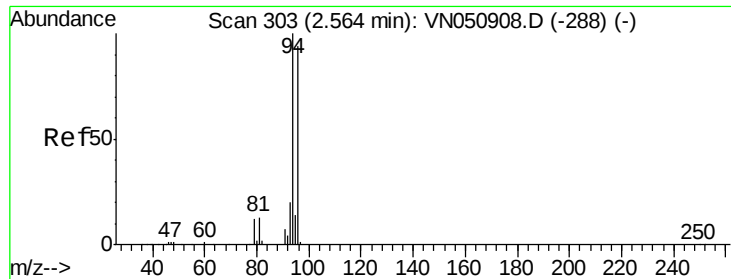
Tgt Ion: 62 Resp: 150295

Ion Ratio Lower Upper

62 100

64 31.6 25.4 38.0





#5

Bromomethane

Concen: 15.640 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN051361.D

Acq: 21 Sep 2018 11:30

Instrument :

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ClientSampleId :

VN0921WBS01

Tgt Ion: 94 Resp: 84435

Ion Ratio Lower Upper

94 100

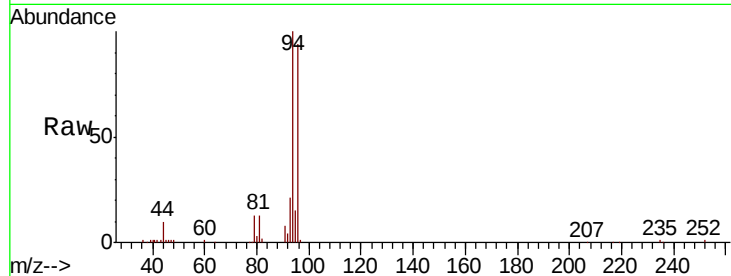
96 93.5 74.9 112.3

Manual Integrations

APPROVED

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9/25/2018 10:53:32 AM



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0

50000

40000

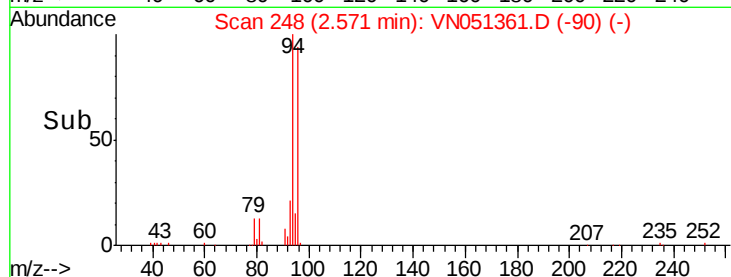
30000

20000

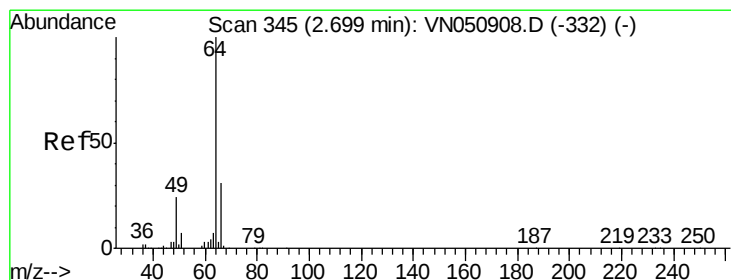
10000

0

Time-->



Time-->



#6

Chloroethane

Concen: 17.285 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.01 min

Lab File: VN051361.D

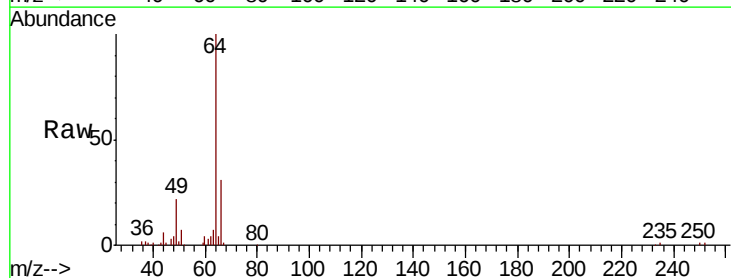
Acq: 21 Sep 2018 11:30

Tgt Ion: 64 Resp: 90299

Ion Ratio Lower Upper

64 100

66 30.9 24.5 36.7



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

50000

40000

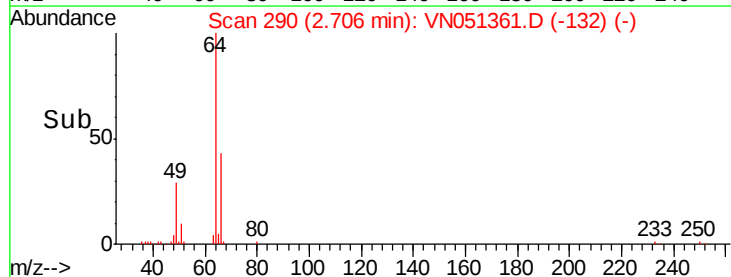
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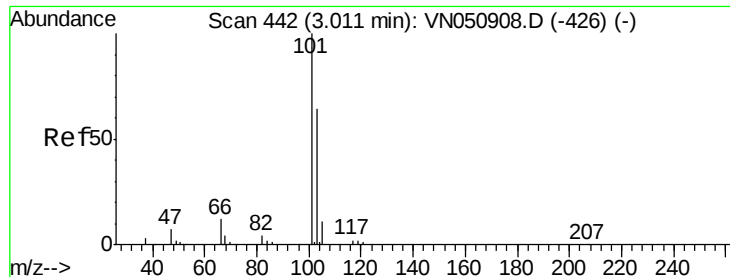
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Time-->



Time-->



#7

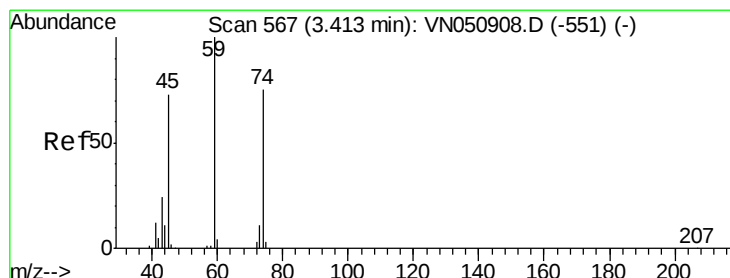
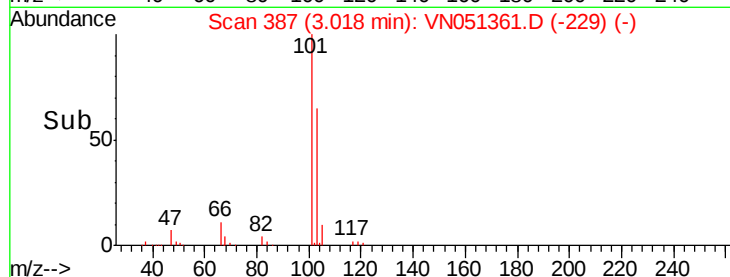
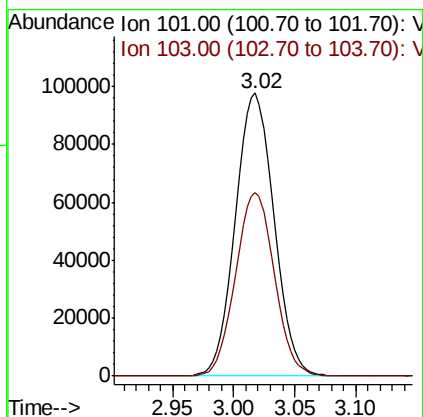
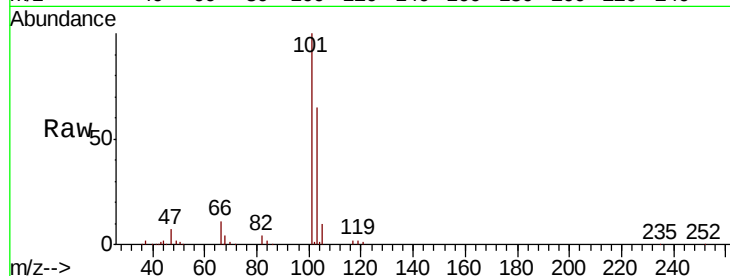
Trichlorofluoromethane
 Concen: 18.303 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. 0.01 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Instrument :
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.0	51.3	76.9

Manual Integrations
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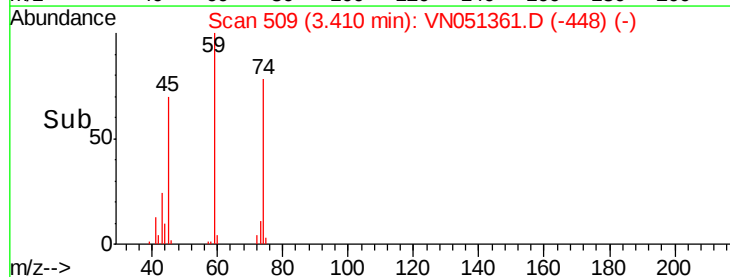
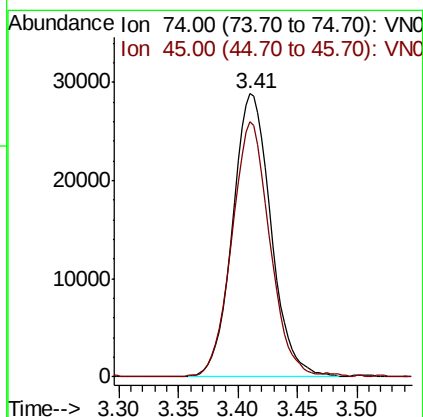
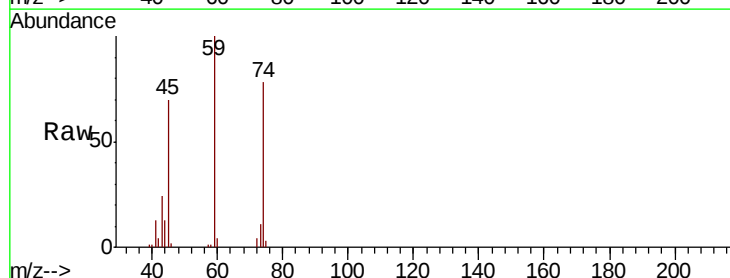
MMDadoda
 9/25/2018 10:53:32 AM

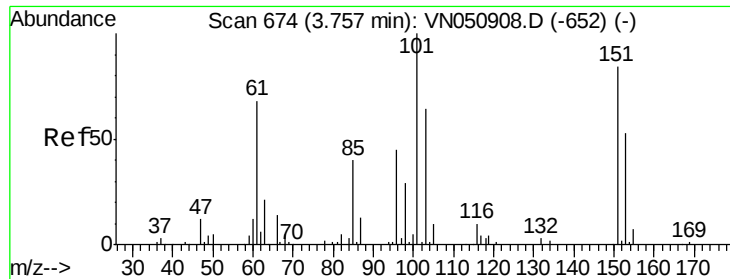


#8

Diethyl Ether
 Concen: 15.596 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.0	19.7	177.1





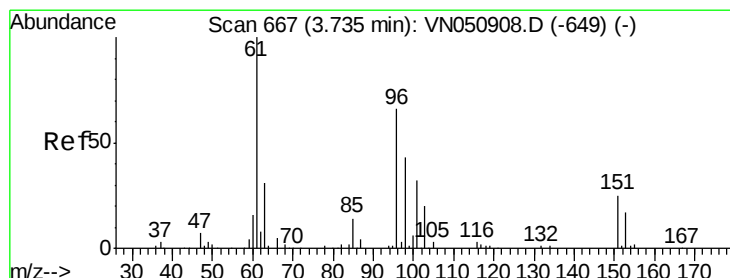
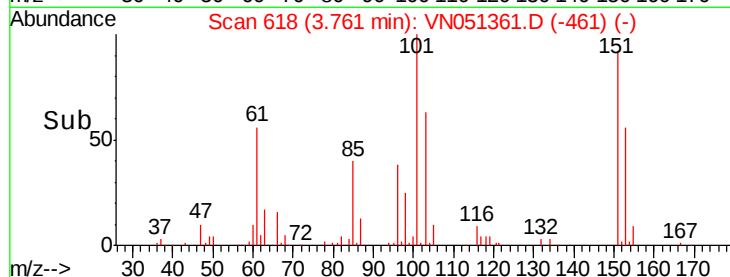
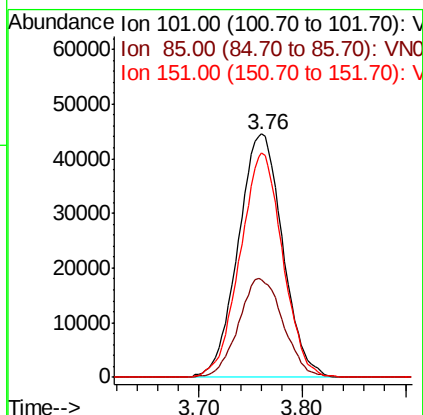
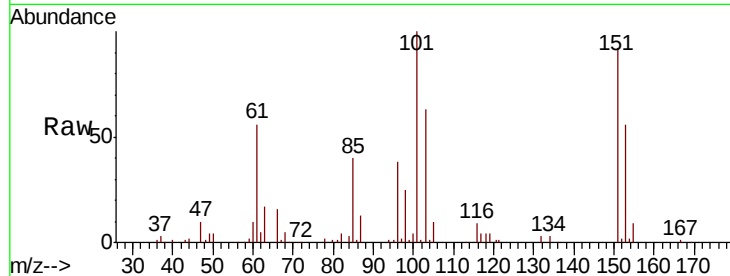
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.337 ug/l
 RT: 3.76 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	133332		
85	40.7	0.0	83.6	
151	88.2	0.0	167.0	

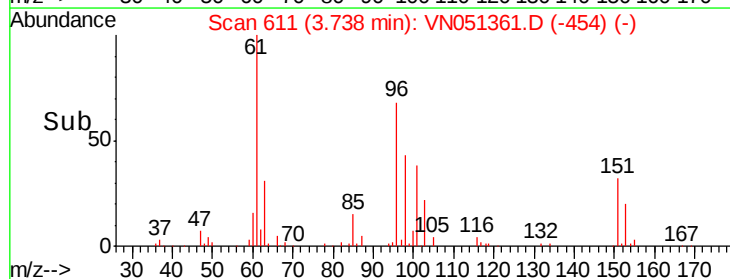
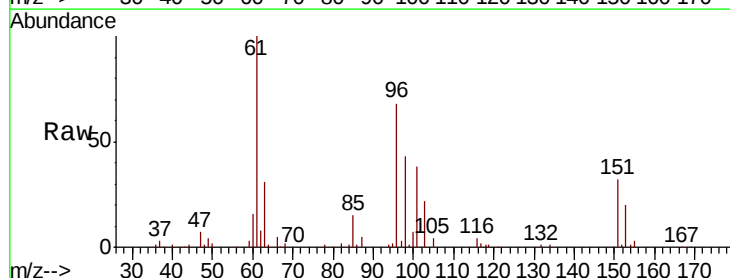
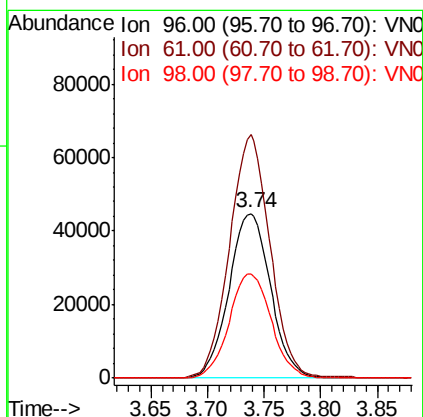
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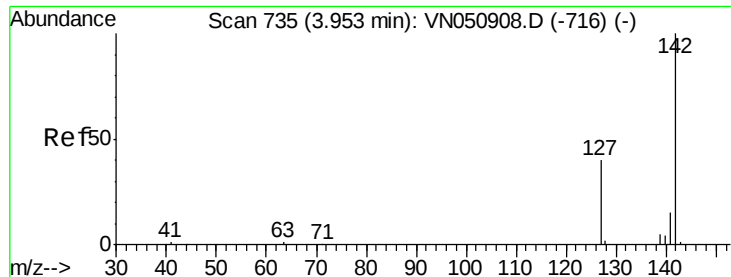
MMDadoda
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#10
 1,1-Dichloroethene
 Concen: 17.339 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	114527		
61	147.2	121.8	182.8	
98	63.5	52.3	78.5	





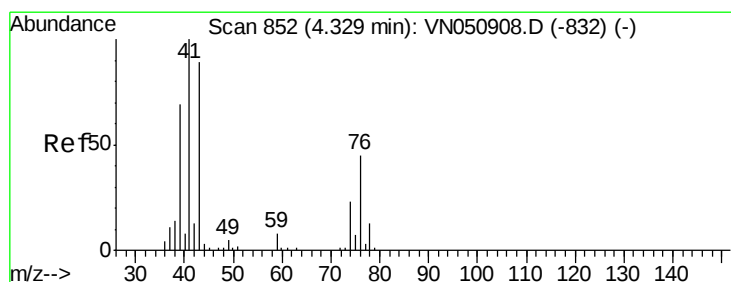
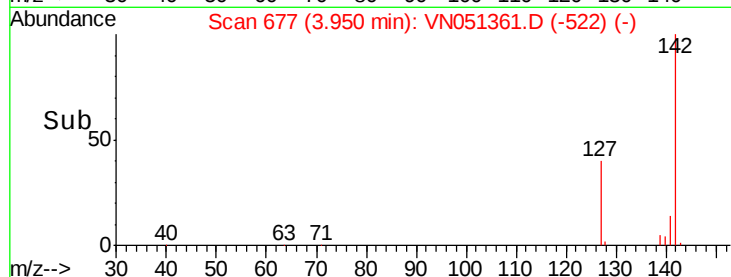
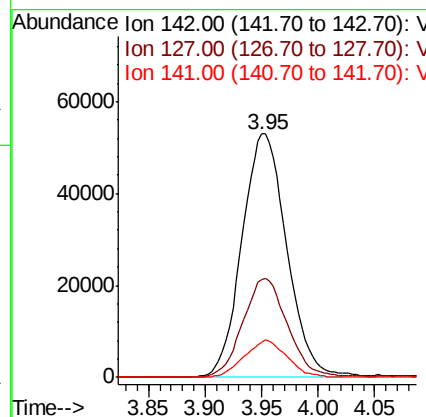
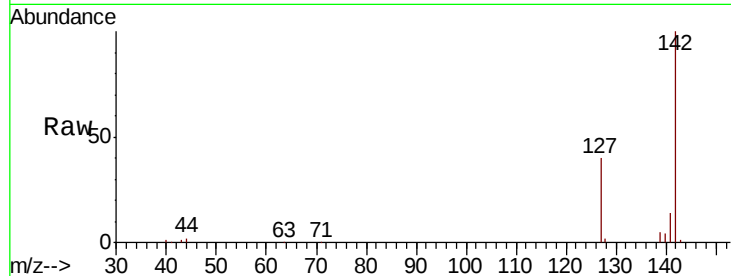
#11
Methyl Iodide
Concen: 23.675 ug/l
RT: 3.95 min Scan# 677
Delta R.T. -0.00 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.0	19.7	59.1
141	14.5	7.3	22.0

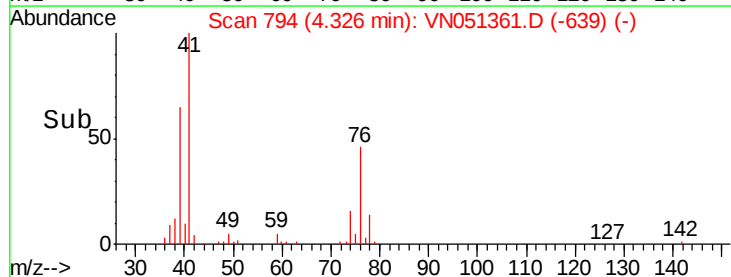
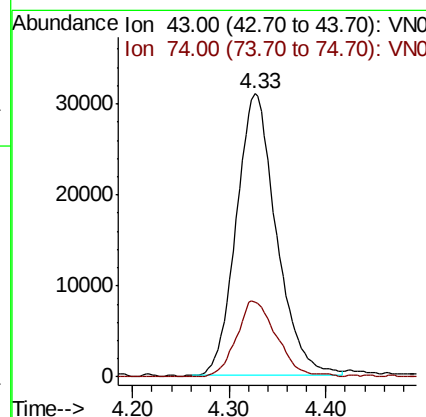
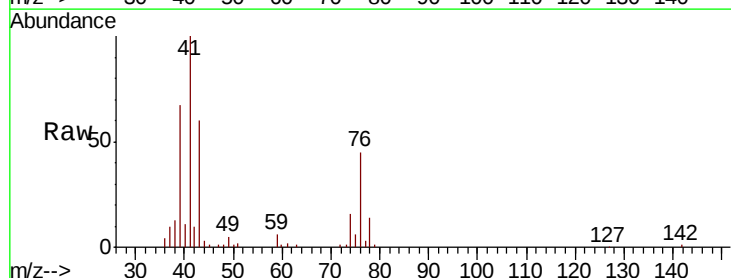
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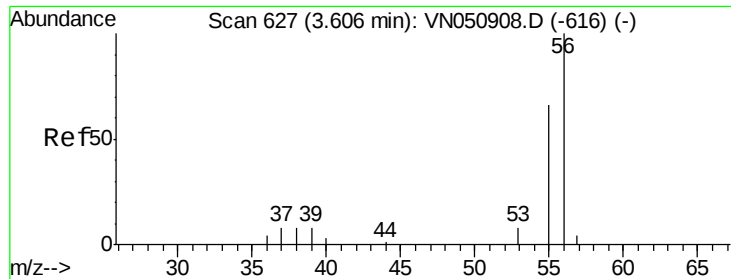
MMDadoda
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#12
Methyl Acetate
Concen: 11.667 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.9	20.6	31.0





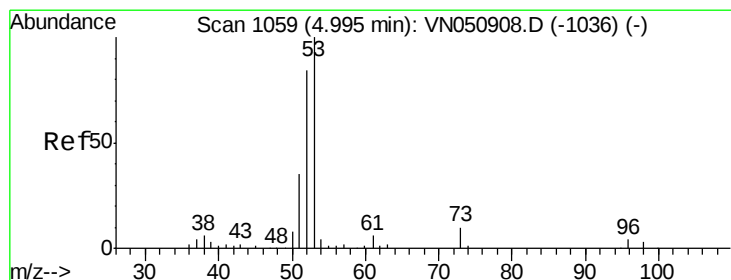
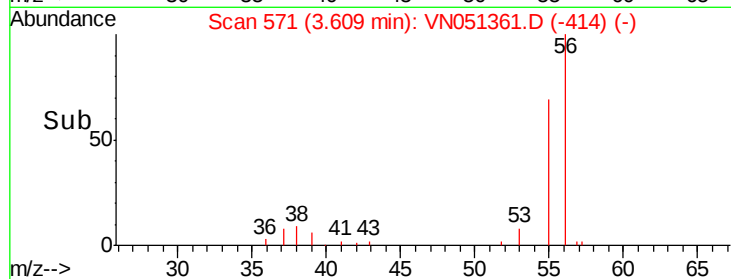
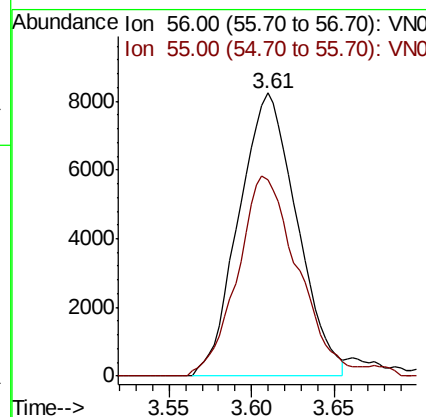
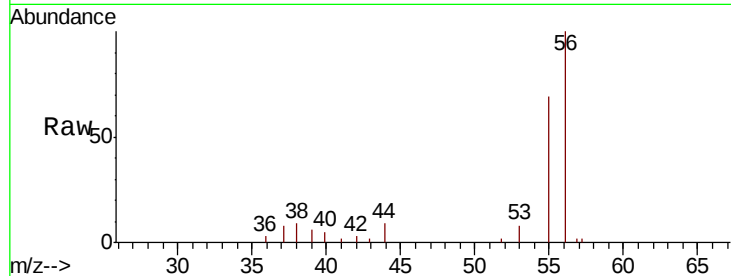
#13
Acrolein
Concen: 118.494 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tgt Ion: 56 Resp: 20040
Ion Ratio Lower Upper
56 100
55 73.5 59.1 88.7

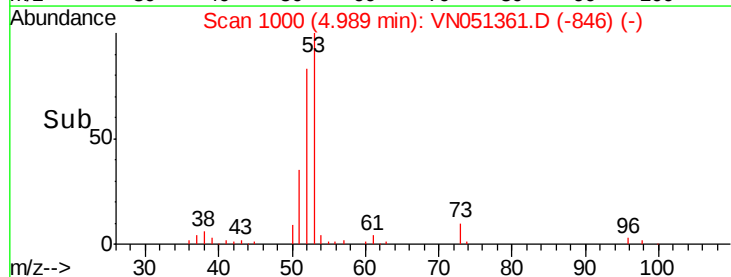
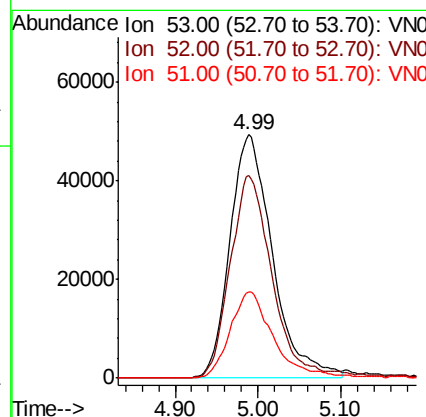
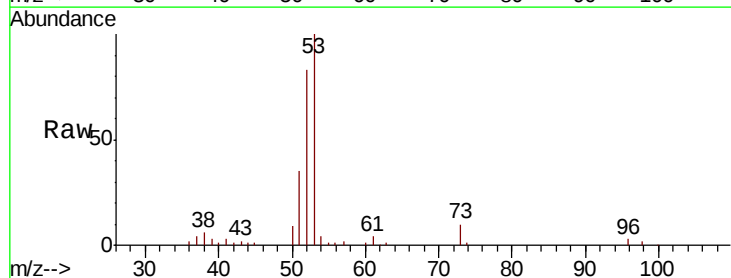
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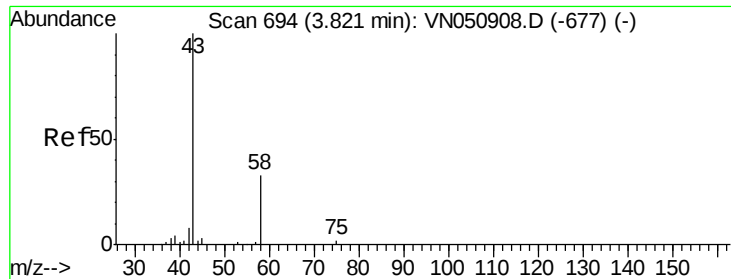
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#14
Acrylonitrile
Concen: 68.330 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Tgt Ion: 53 Resp: 176450
Ion Ratio Lower Upper
53 100
52 82.0 42.2 126.6
51 34.5 17.7 53.1





#15

Acetone

Concen: 65.380 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN051361.D

Acq: 21 Sep 2018 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS01

Tgt Ion: 58 Resp: 43203

Ion Ratio Lower Upper

58 100

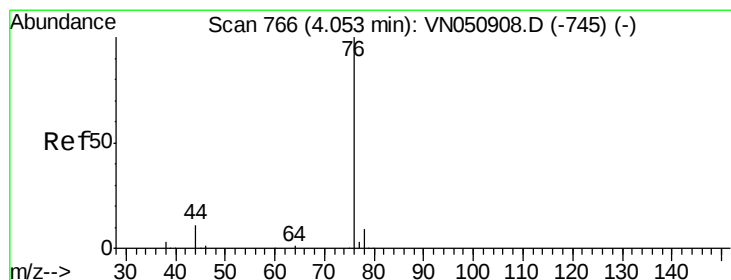
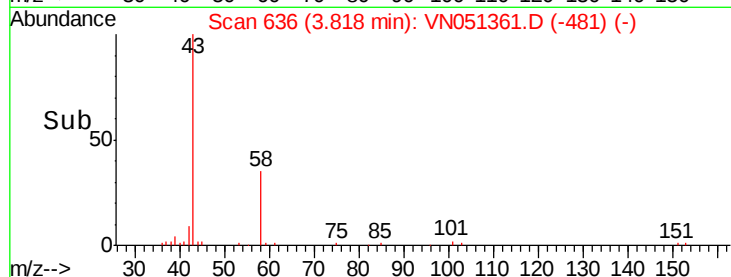
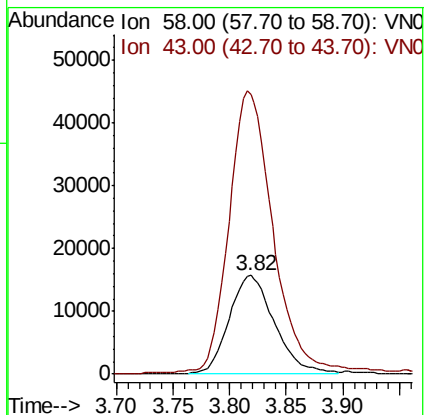
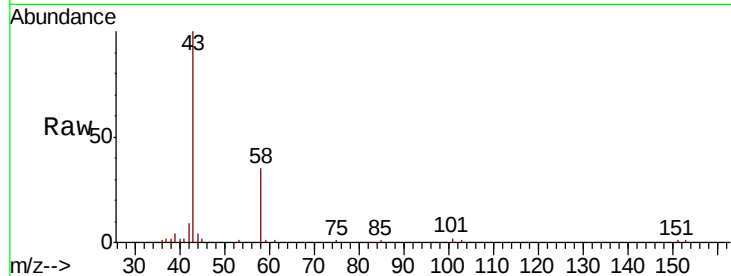
43 282.8 239.4 359.0

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#16

Carbon Disulfide

Concen: 16.219 ug/l

RT: 4.05 min Scan# 709

Delta R.T. 0.00 min

Lab File: VN051361.D

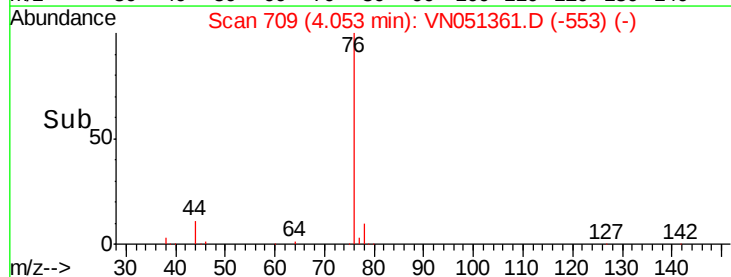
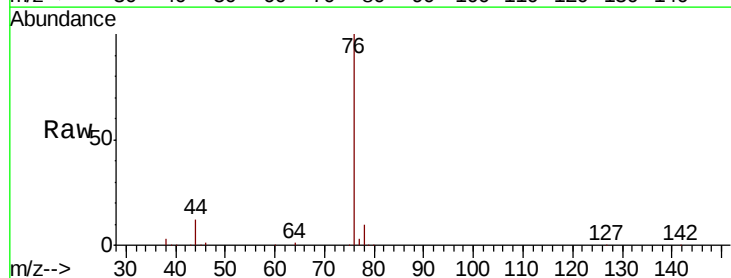
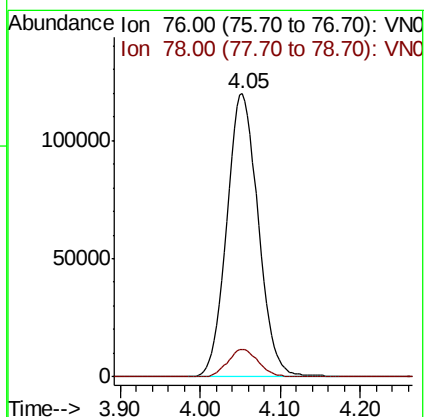
Acq: 21 Sep 2018 11:30

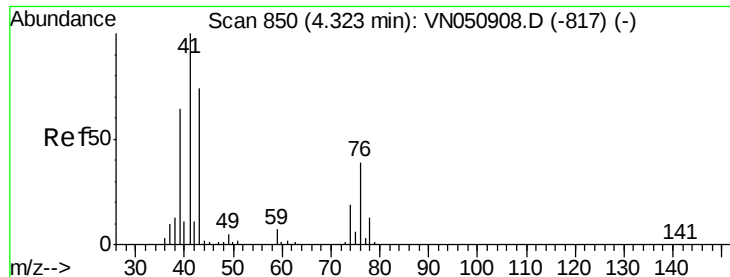
Tgt Ion: 76 Resp: 322106

Ion Ratio Lower Upper

76 100

78 9.8 7.3 10.9





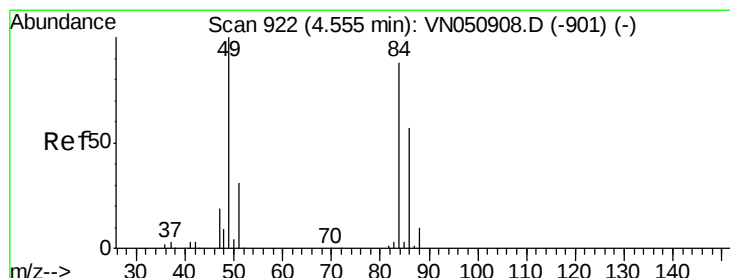
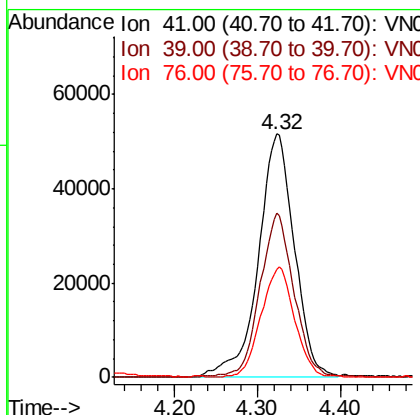
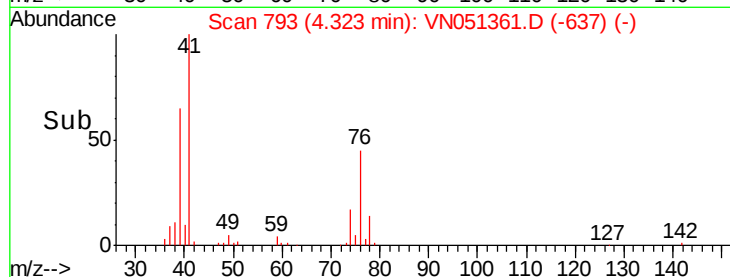
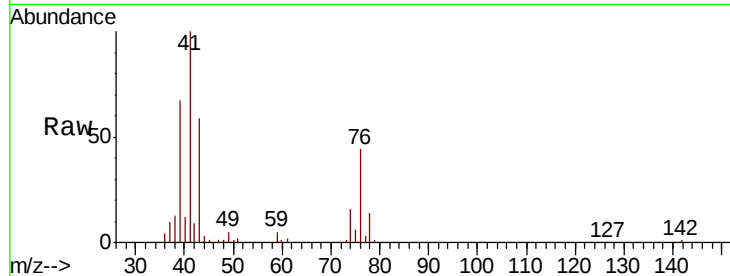
#17
 Allyl chloride
 Concen: 15.022 ug/l
 RT: 4.32 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	67.4	32.2	96.6
76	43.8	19.6	58.7

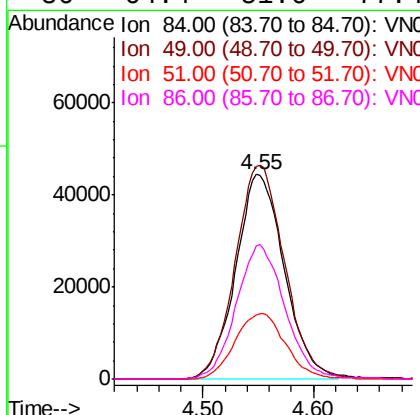
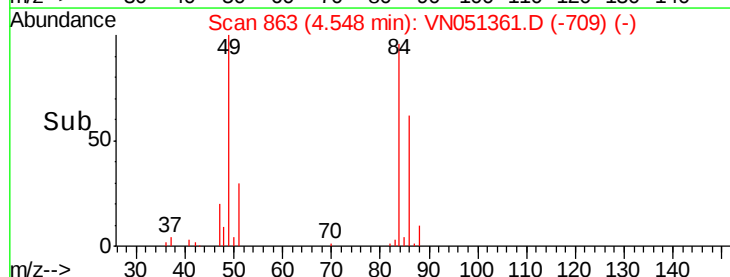
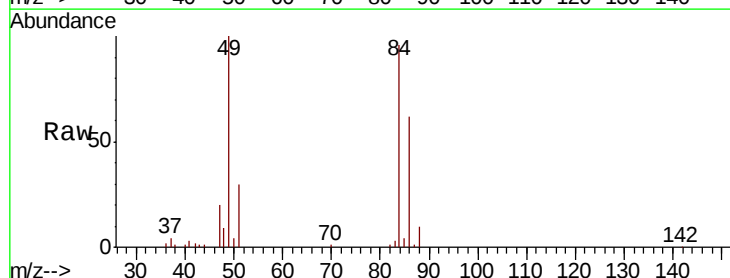
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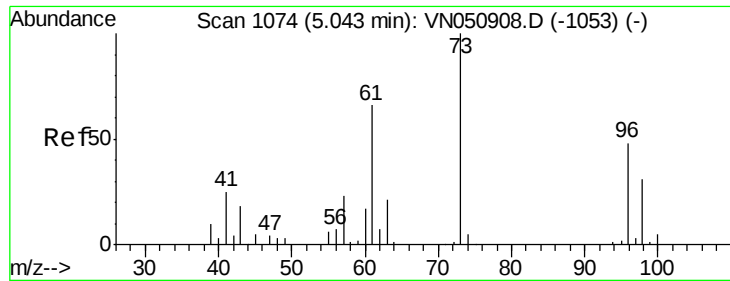
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#18
 Methylene Chloride
 Concen: 17.515 ug/l
 RT: 4.55 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	103.4	90.6	135.8
51	31.1	28.4	42.6
86	64.4	51.6	77.4





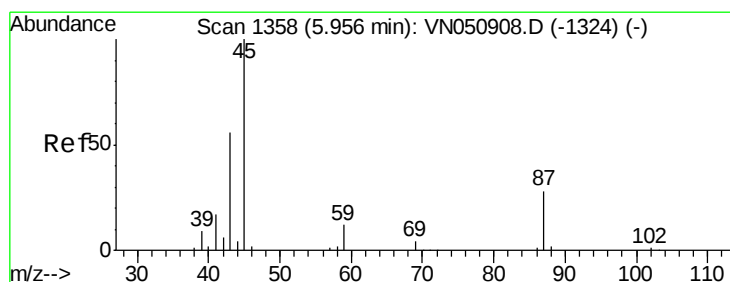
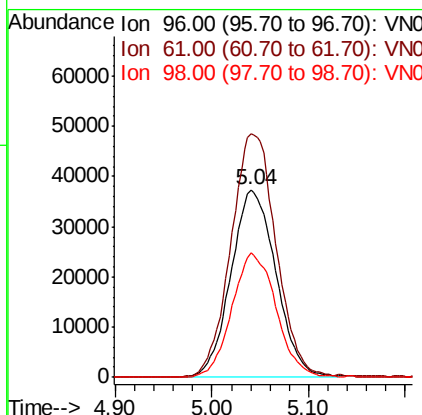
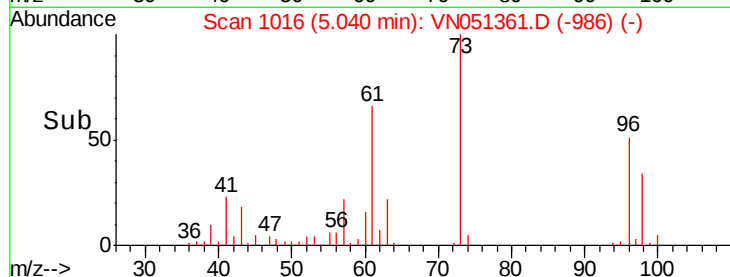
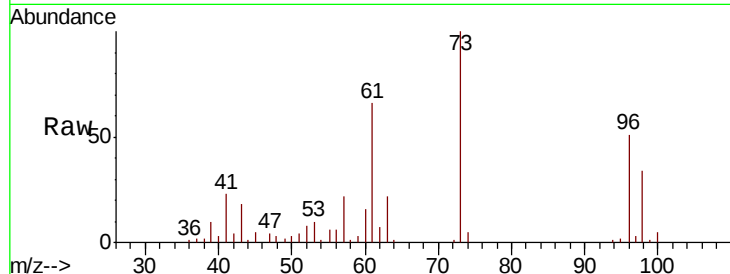
#19
trans-1,2-Dichloroethene
Concen: 17.191 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tgt Ion: 96 Resp: 120982
Ion Ratio Lower Upper
96 100
61 128.9 109.5 164.3
98 66.2 51.9 77.9

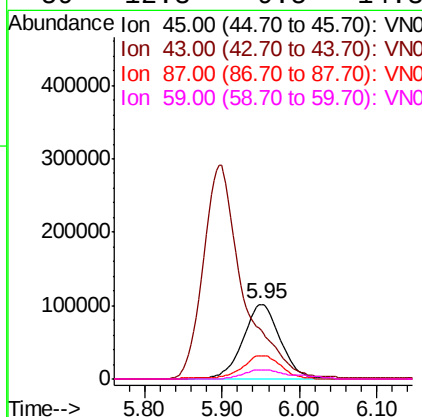
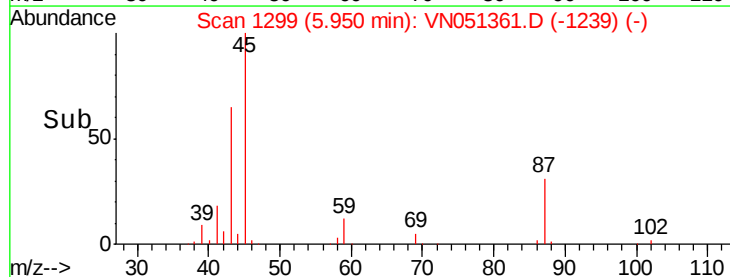
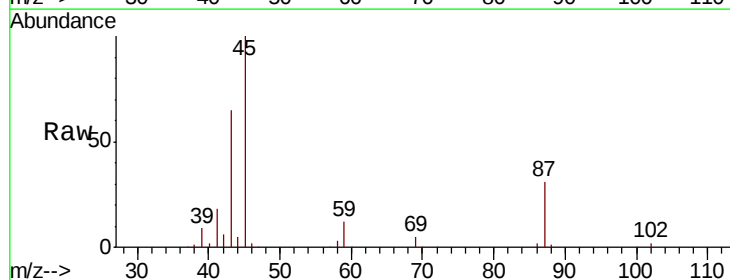
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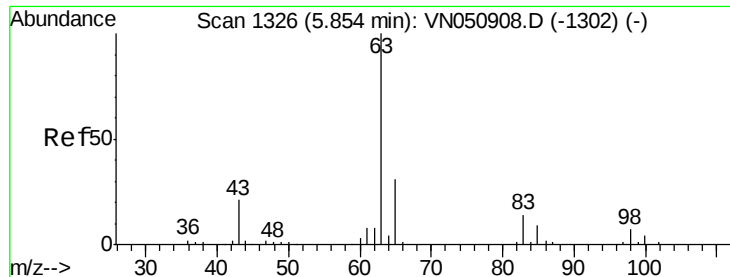
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#20
Diisopropyl ether
Concen: 15.771 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.01 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Tgt Ion: 45 Resp: 340225
Ion Ratio Lower Upper
45 100
43 62.7 47.0 70.6
87 31.0 22.8 34.2
59 12.3 9.5 14.3





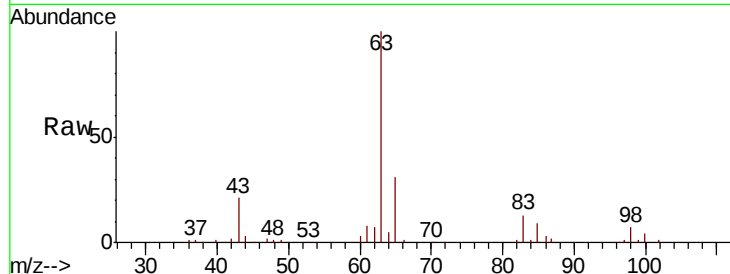
#21
 1,1-Dichloroethane
 Concen: 16.728 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

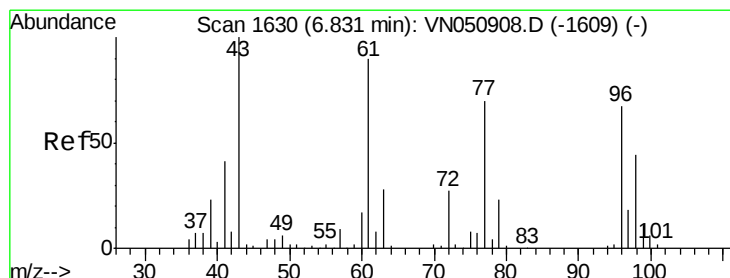
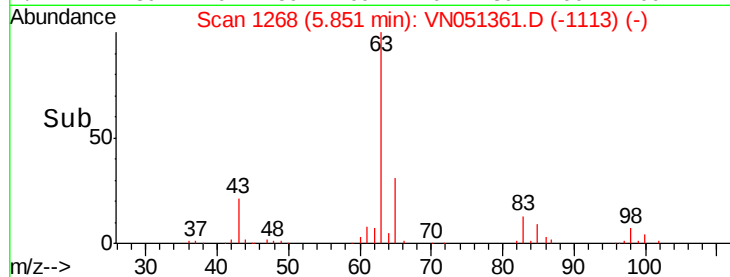
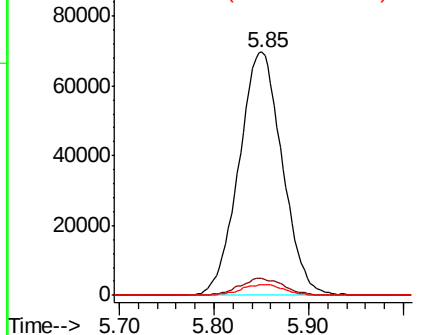
Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.3	9.9
100	4.4	2.0	6.0

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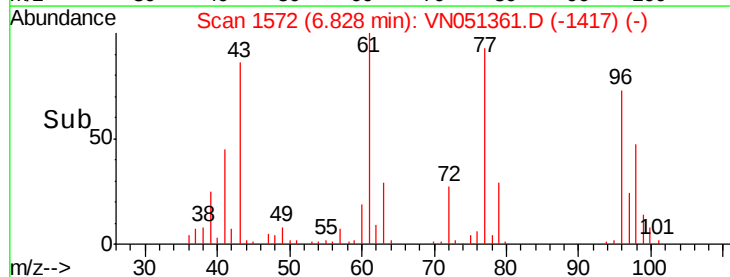
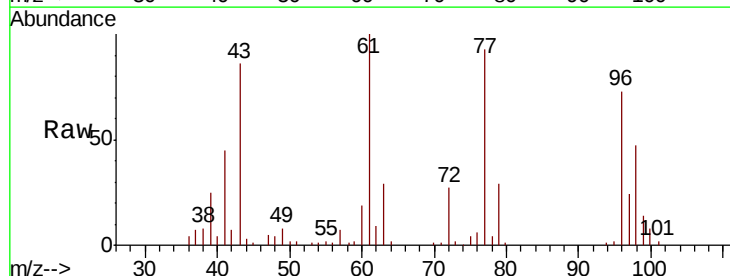
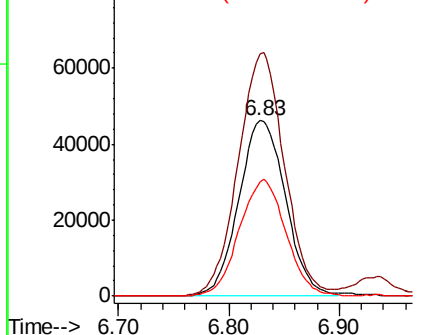
Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

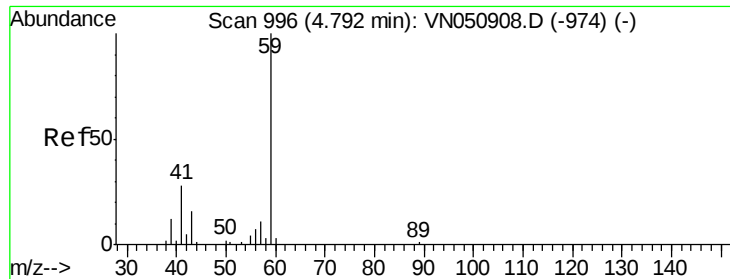


#22
 cis-1,2-Dichloroethene
 Concen: 17.124 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.0	110.0	165.0
98	66.3	51.7	77.5

Abundance Ion 96.00 (95.70 to 96.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0





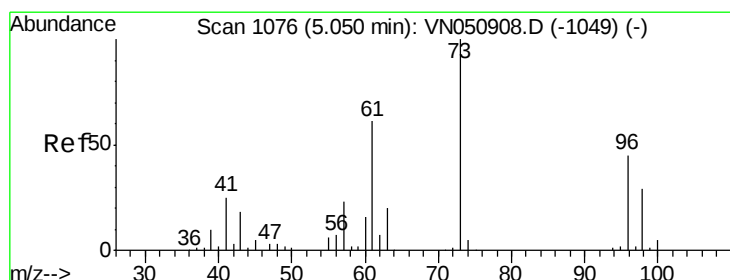
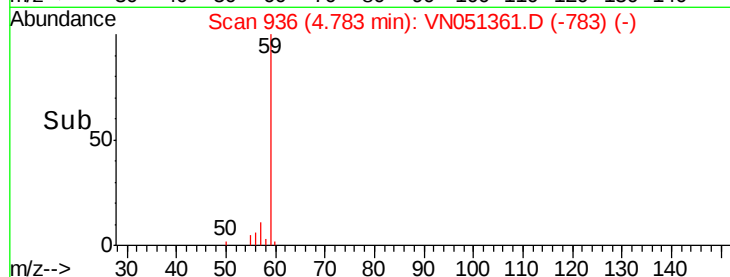
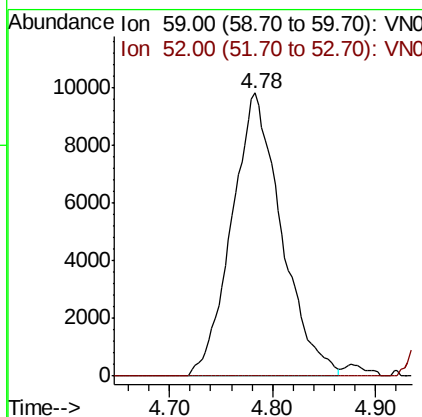
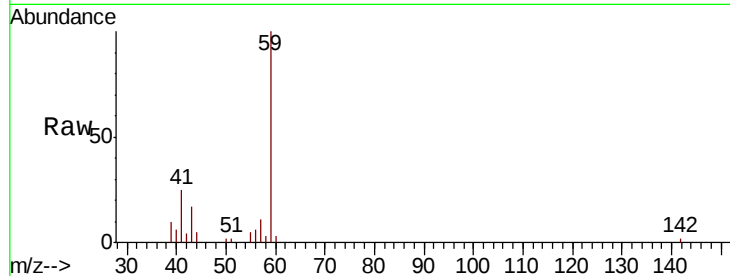
#23
 tert-Butyl Alcohol
 Concen: 59.982 ug/l
 RT: 4.78 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Tgt Ion: 59 Resp: 32941
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.1 0.1#

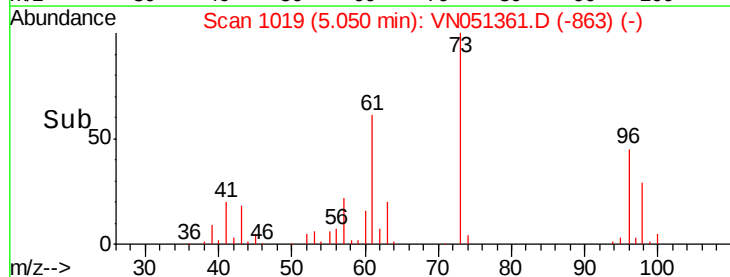
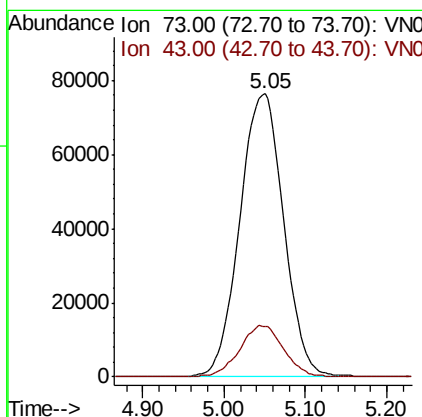
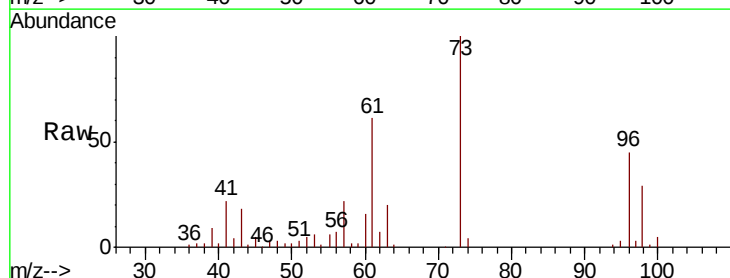
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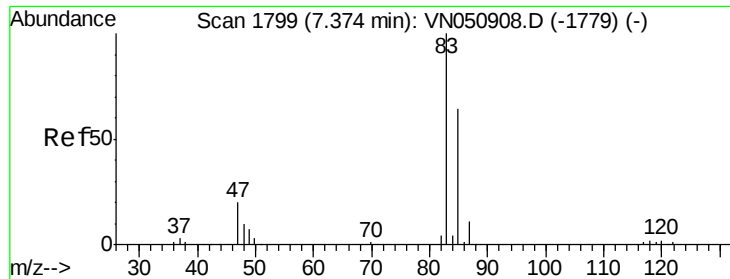
MMDadoda
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#24
 Methyl tert-Butyl Ether
 Concen: 15.783 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Tgt Ion: 73 Resp: 285124
 Ion Ratio Lower Upper
 73 100
 43 18.0 14.4 21.6





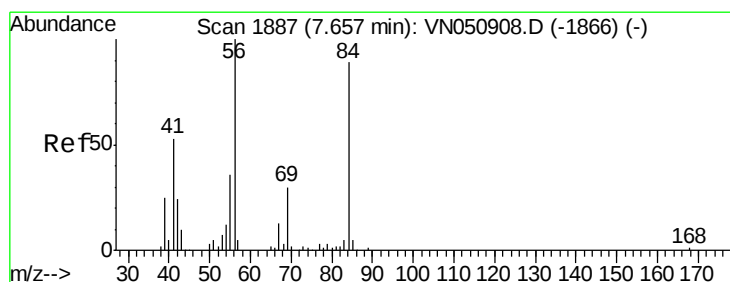
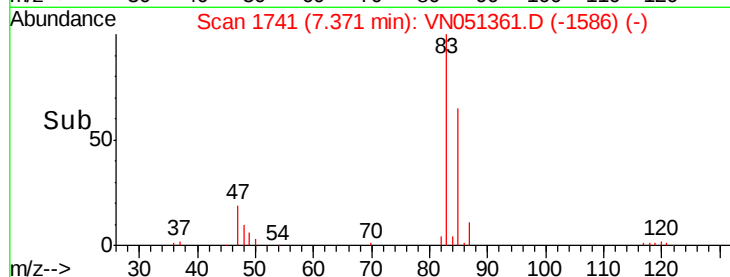
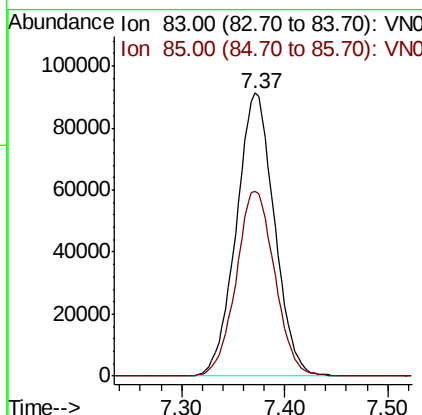
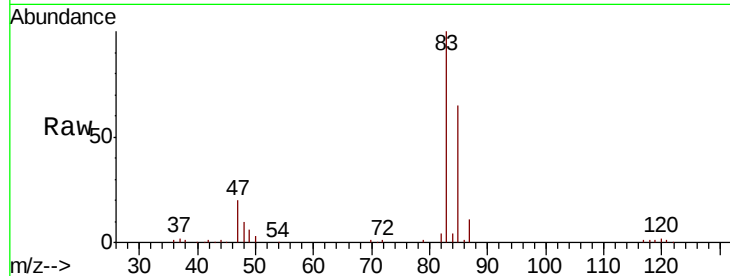
#25
Chloroform
Concen: 17.740 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Instrument :
MSVOA_N
ClientSampled :
VN0921WBS01

Tgt Ion: 83 Resp: 234196
Ion Ratio Lower Upper
83 100
85 65.4 51.4 77.0

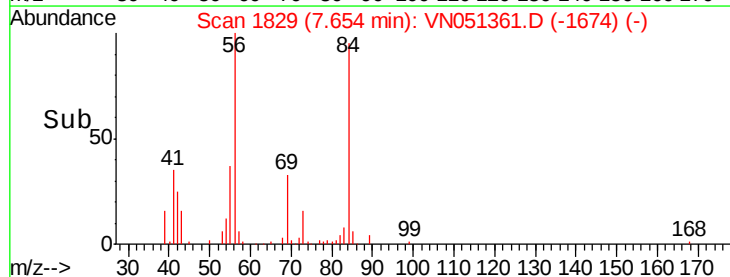
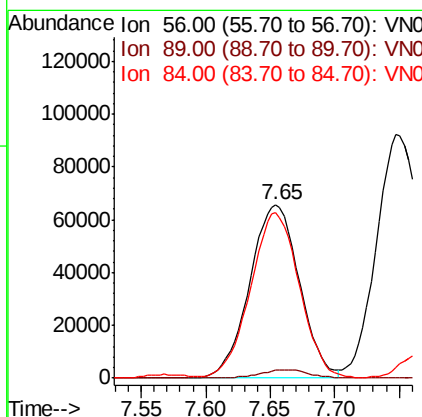
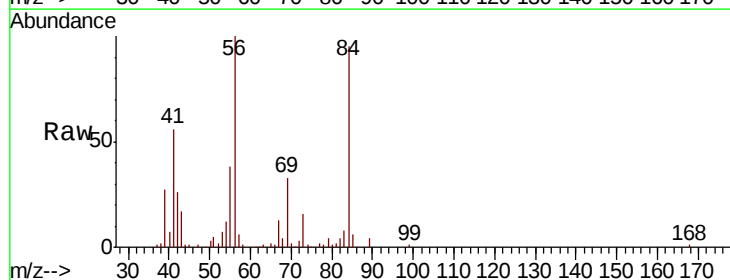
Manual Integrations
APPROVED

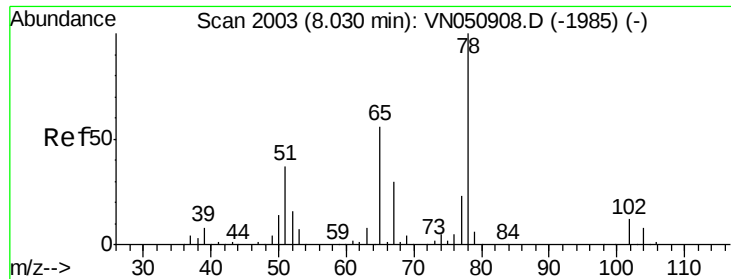
MMDadoda
9/25/2018 10:53:32 AM



#26
Cyclohexane
Concen: 16.096 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Tgt Ion: 56 Resp: 176389
Ion Ratio Lower Upper
56 100
89 4.5 0.4 0.6#
84 93.9 70.4 105.6





#27

1,2-Dichloroethane-d4

Concen: 28.095 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051361.D

Acq: 21 Sep 2018 11:30

Instrument :

MSVOA_N

ClientSampled :

VN0921WBS01

Tgt Ion: 65 Resp: 219156

Ion Ratio Lower Upper

65 100

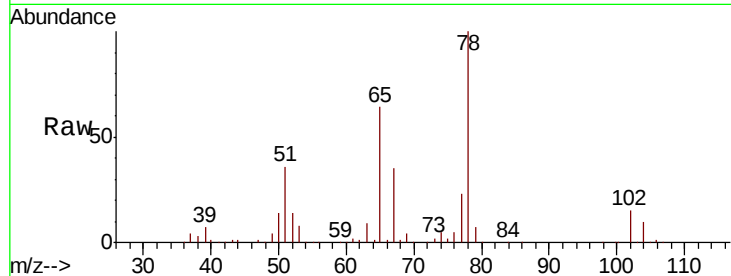
67 54.8 43.7 65.5

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Abundance Ion 65.00 (64.70 to 65.70): VN050908.D (-1985) (-)

Ion 67.00 (66.70 to 67.70): VN050908.D (-1985) (-)

8.03

100000

80000

60000

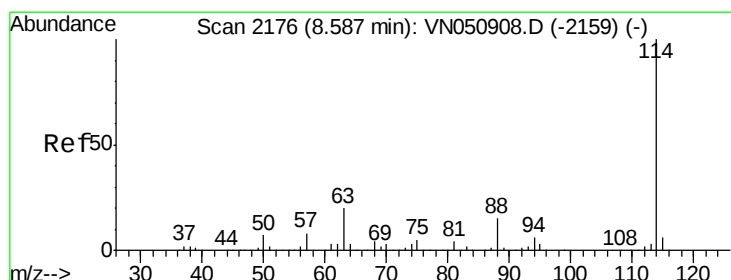
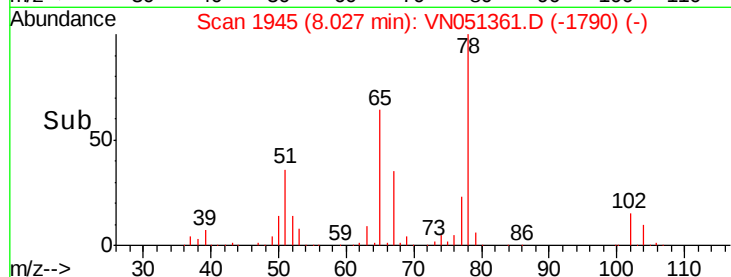
40000

20000

0

7.95 8.00 8.05 8.10

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051361.D

Acq: 21 Sep 2018 11:30

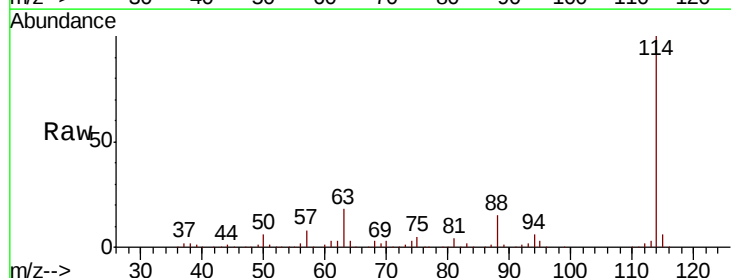
Tgt Ion: 114 Resp: 670174

Ion Ratio Lower Upper

114 100

63 17.8 15.6 23.4

88 14.8 12.2 18.4



Abundance Ion 114.00 (113.70 to 114.70): VN050908.D (-2159) (-)

Ion 63.00 (62.70 to 63.70): VN050908.D (-2159) (-)

Ion 88.00 (87.70 to 88.70): VN050908.D (-2159) (-)

8.59

400000

300000

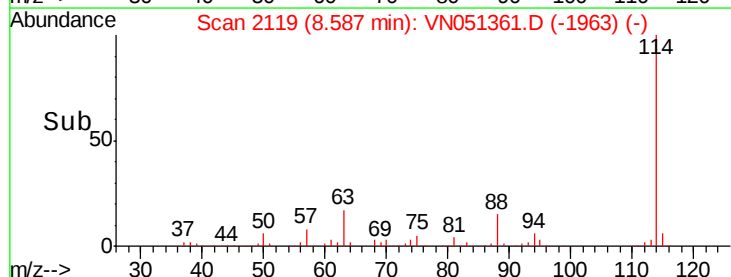
200000

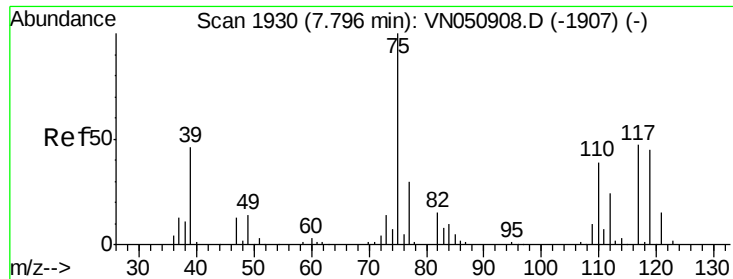
100000

0

8.50 8.60 8.70

Time-->





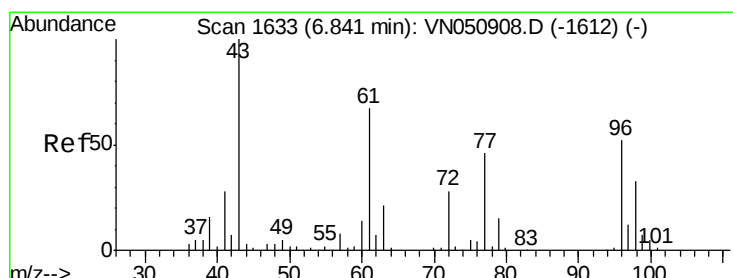
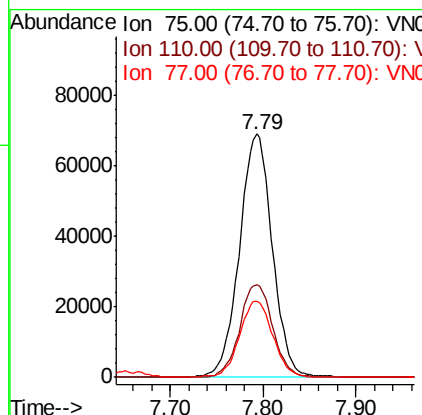
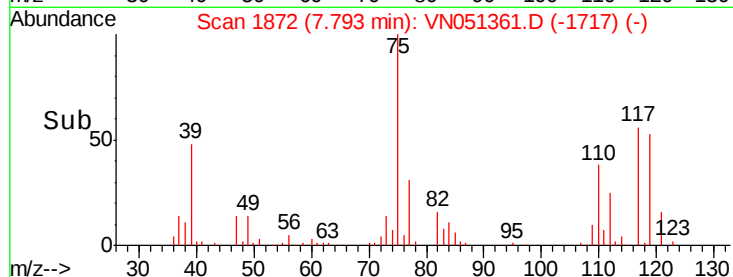
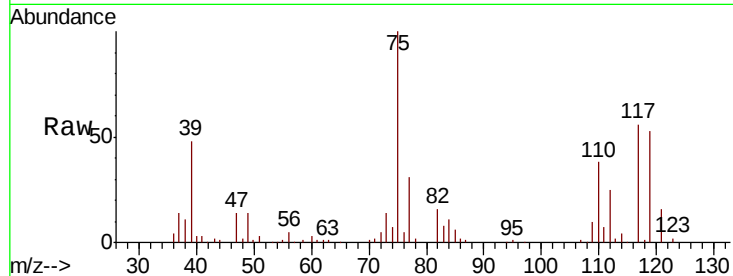
#29
 1,1-Dichloropropene
 Concen: 16.924 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
75	100		
110	38.1	0.0	75.0
77	31.8	0.0	60.6

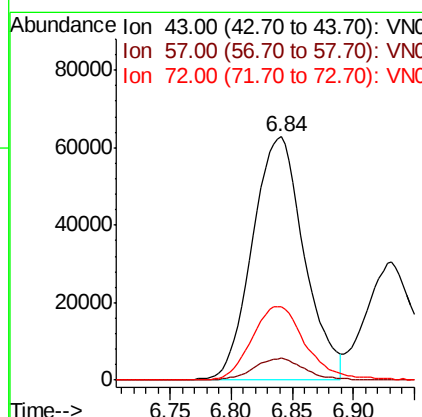
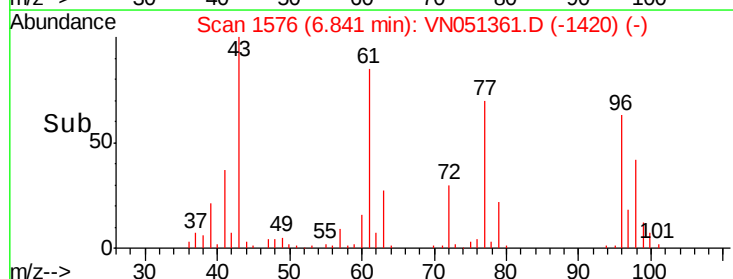
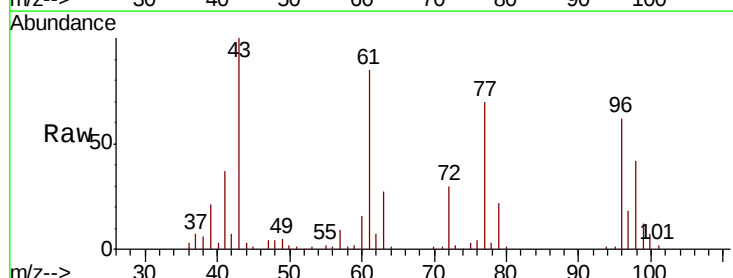
Manual Integrations
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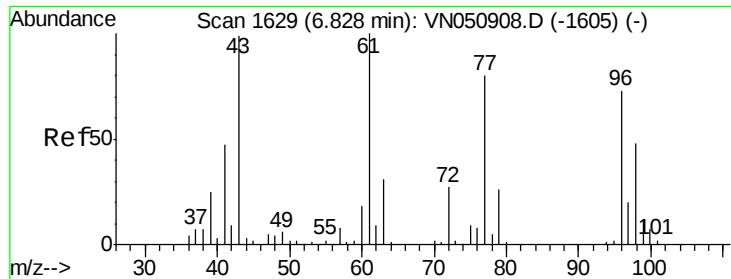
MMDadoda
 9/25/2018 10:53:32 AM



#30
 2-Butanone
 Concen: 59.936 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
43	100		
57	8.7	6.9	10.3
72	31.4	22.8	34.2





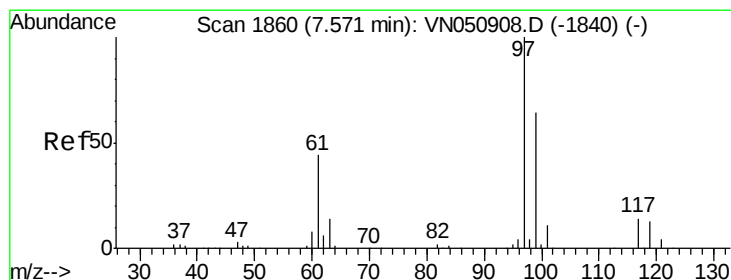
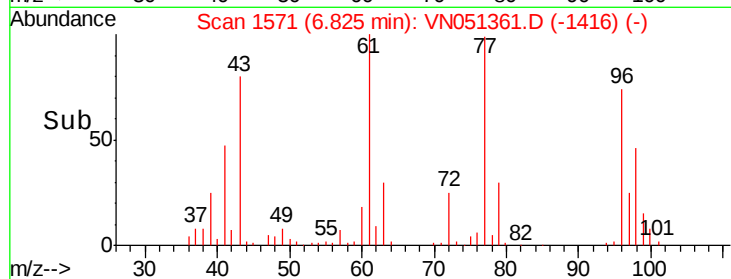
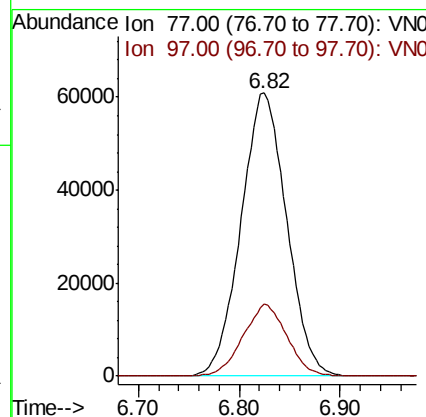
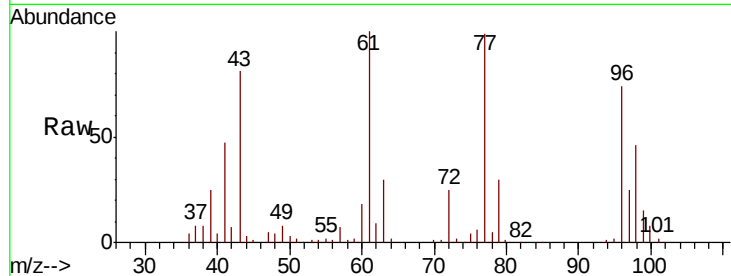
#31
 2,2-Dichloropropane
 Concen: 19.549 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Tgt Ion: 77 Resp: 190848
 Ion Ratio Lower Upper
 77 100
 97 24.5 20.2 30.2

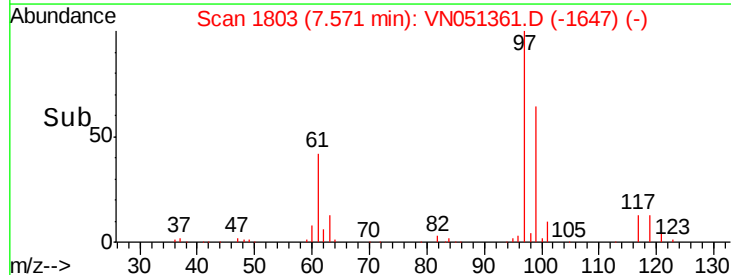
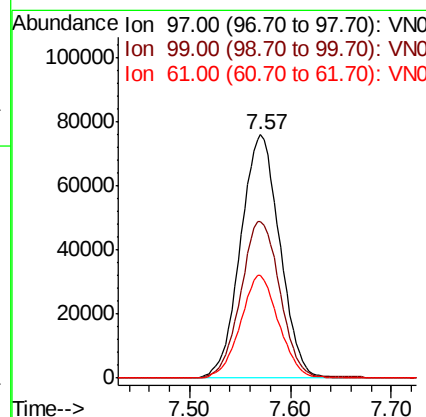
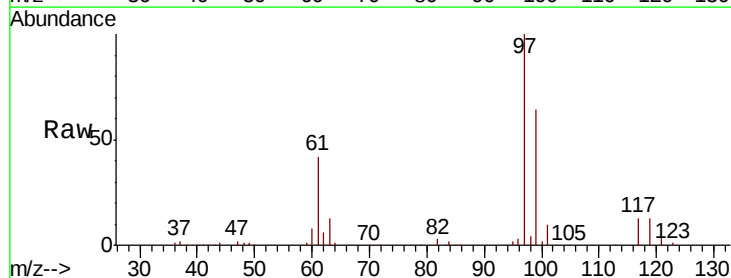
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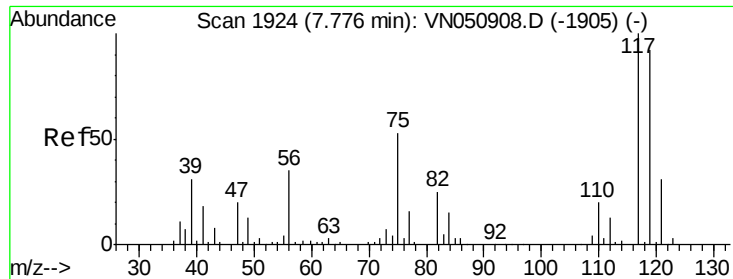
MMDadoda
 9/25/2018 10:53:32 AM



#32
 1,1,1-Trichloroethane
 Concen: 17.968 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Tgt Ion: 97 Resp: 204427
 Ion Ratio Lower Upper
 97 100
 99 64.5 52.0 78.0
 61 41.4 35.0 52.6





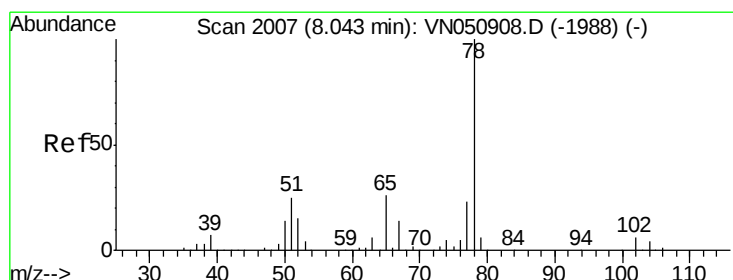
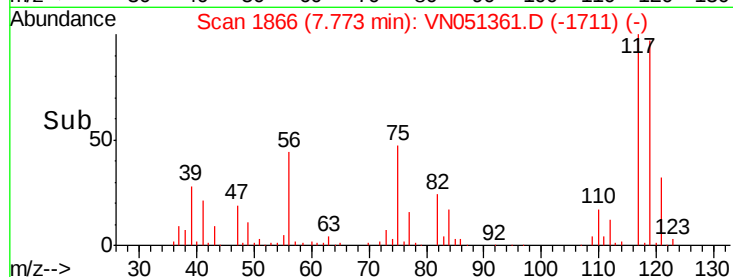
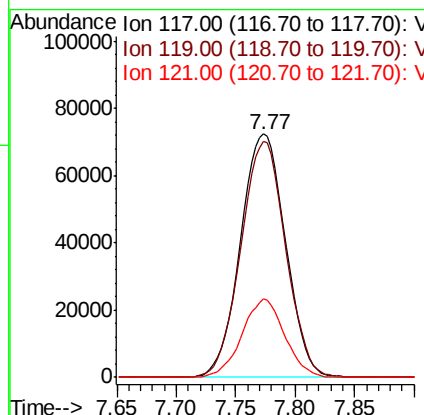
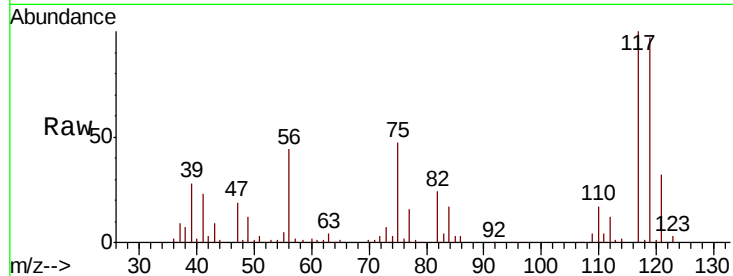
#33
Carbon Tetrachloride
Concen: 18.526 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	189819		
119	97.1	73.5	110.3	
121	32.0	24.6	37.0	

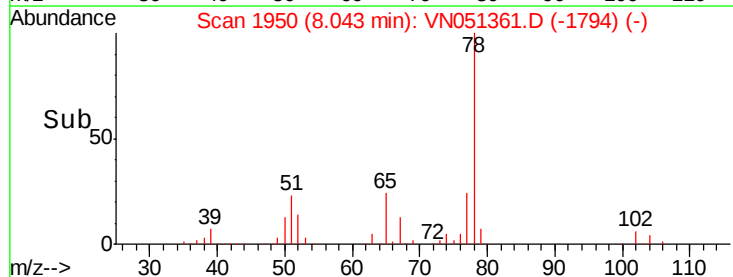
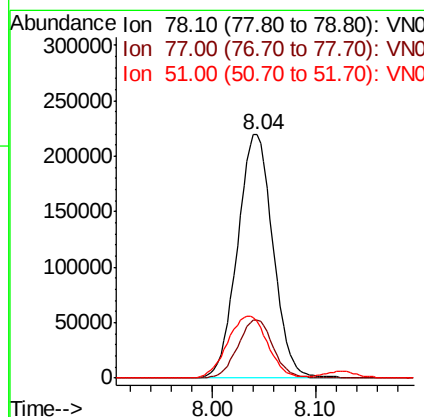
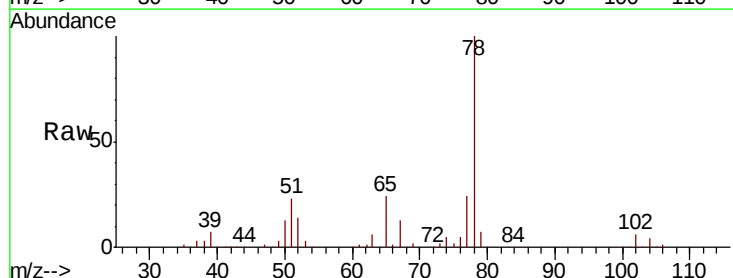
Manual Integrations
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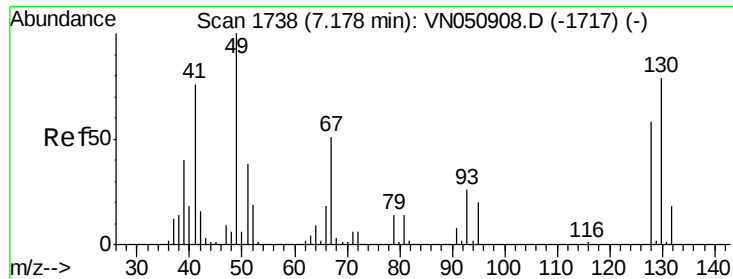
MMDadoda
9/25/2018 10:53:32 AM



#34
Benzene
Concen: 16.943 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	525891		
77	24.1	18.6	28.0	
51	23.2	20.0	30.0	





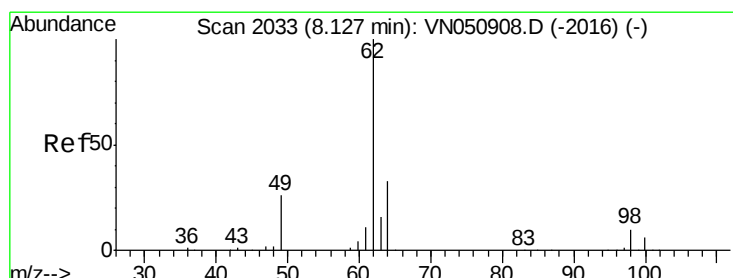
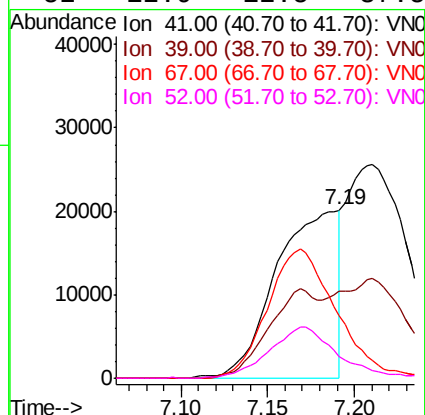
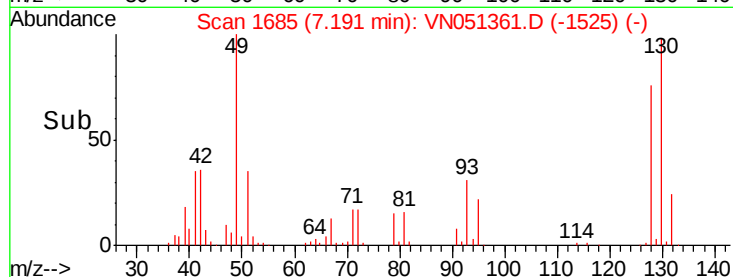
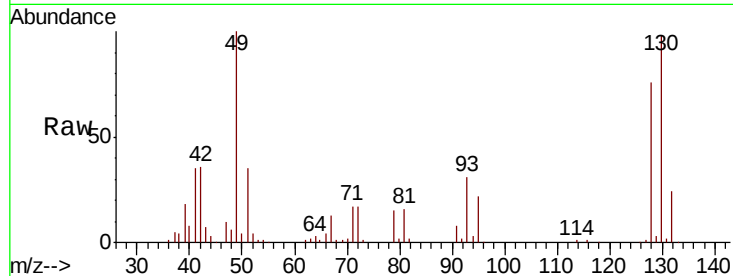
#35
Methacrylonitrile
Concen: 15.102 ug/l m
RT: 7.19 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	51.5	26.2	78.5
67	37.5	33.9	101.6
52	12.9	12.5	37.5

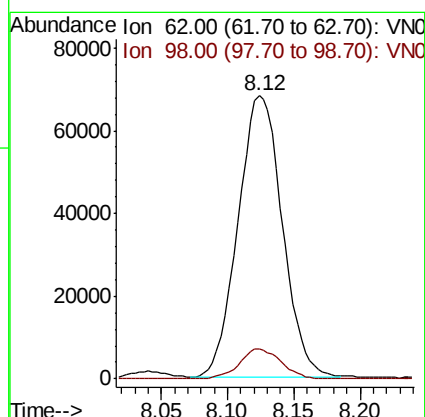
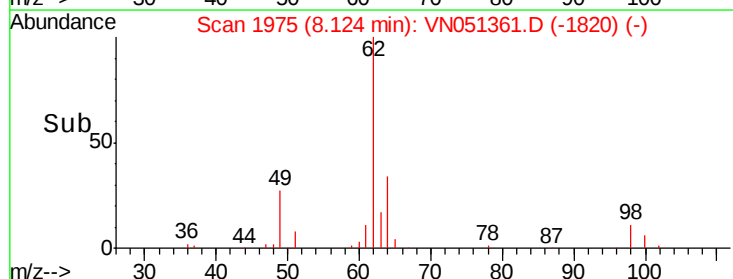
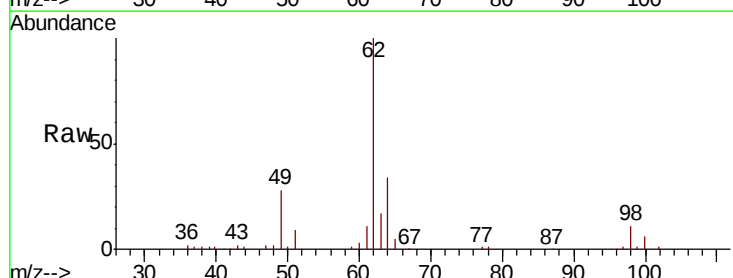
Manual Integrations
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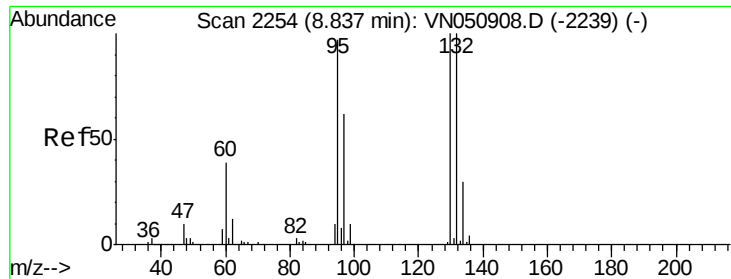
MMDadoda
9/25/2018 10:53:32 AM



#36
1,2-Dichloroethane
Concen: 16.848 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	8.0	12.0





#37

Trichloroethene

Concen: 18.138 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN051361.D

Acq: 21 Sep 2018 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS01

Tgt Ion: 130 Resp: 147143

Ion Ratio Lower Upper

130 100

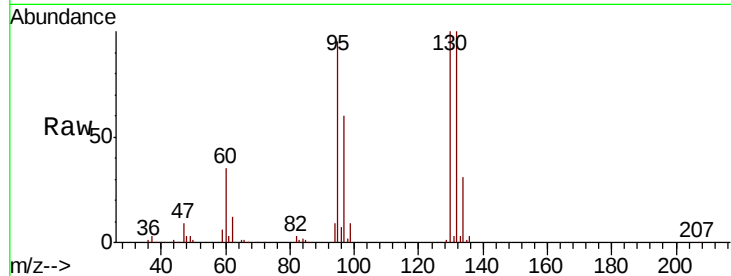
95 94.7 77.4 116.0

Manual Integrations

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9/25/2018 10:53:32 AM



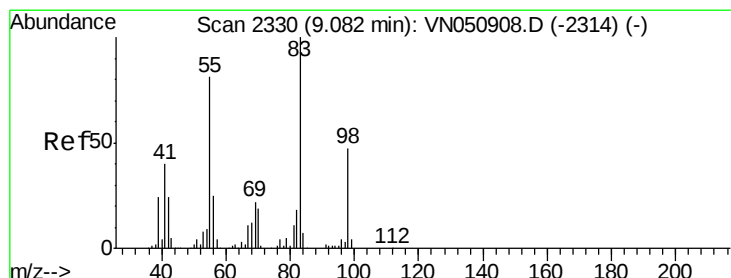
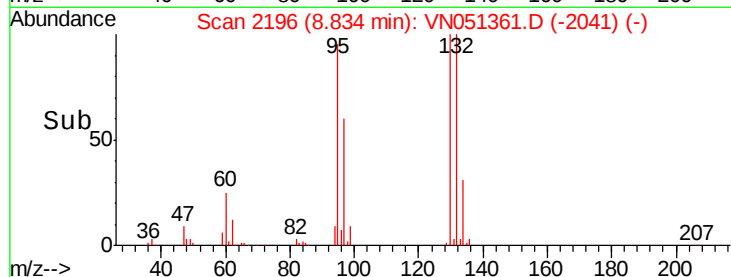
Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

8.83

8.75 8.80 8.85 8.90 8.95

Time-->



#38

Methylcyclohexane

Concen: 18.618 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN051361.D

Acq: 21 Sep 2018 11:30

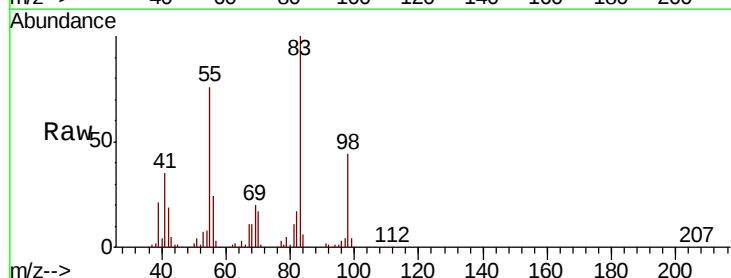
Tgt Ion: 83 Resp: 200622

Ion Ratio Lower Upper

83 100

55 73.5 38.9 116.7

98 44.7 22.9 68.7



Abundance Ion 83.00 (82.70 to 83.70): VN

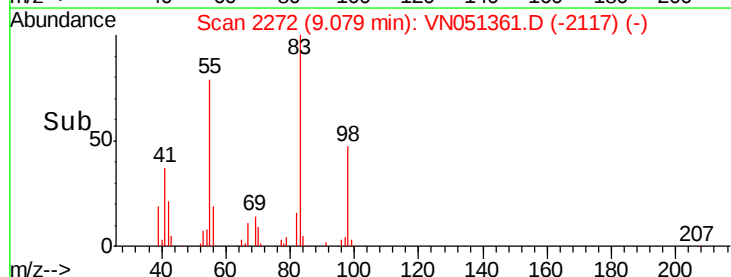
Ion 55.00 (54.70 to 55.70): VN

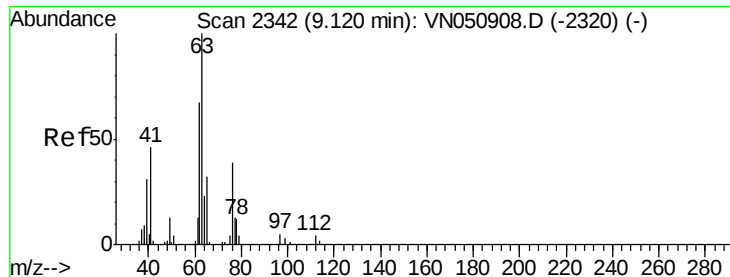
Ion 98.00 (97.70 to 98.70): VN

9.08

9.00 9.05 9.10 9.15

Time-->





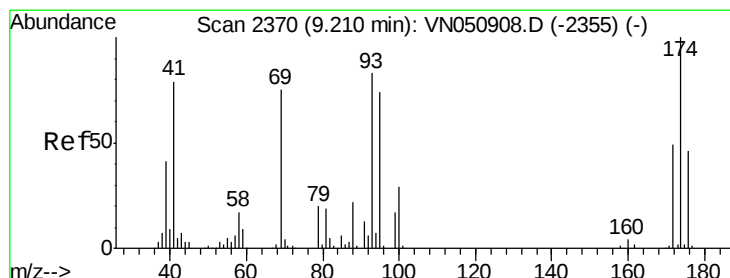
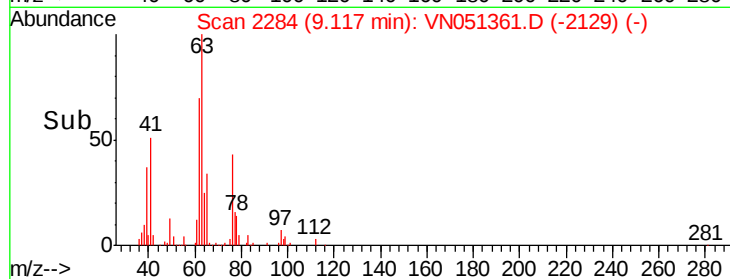
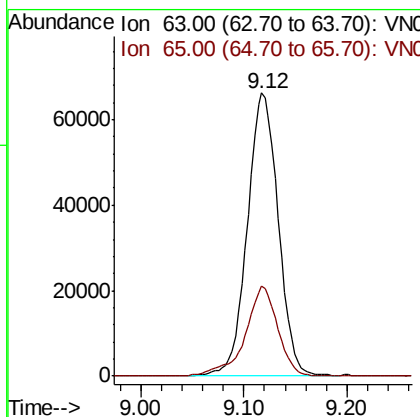
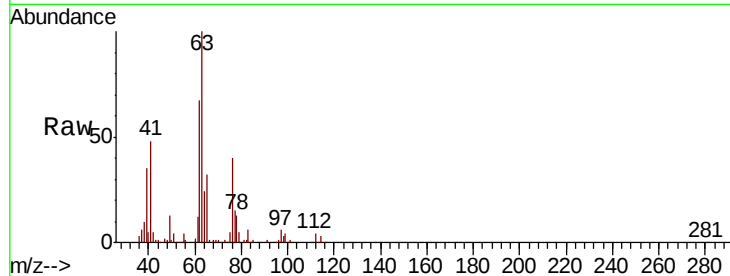
#39
 1,2-Dichloropropane
 Concen: 16.989 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Tgt Ion: 63 Resp: 137719
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.6 38.4

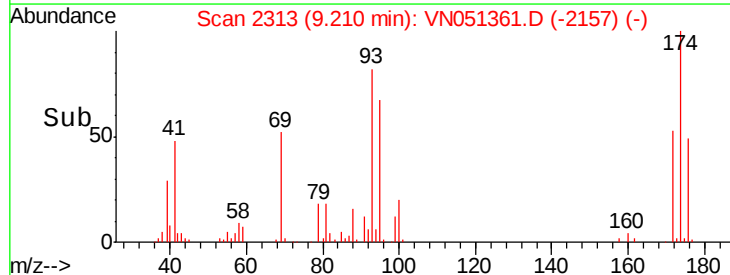
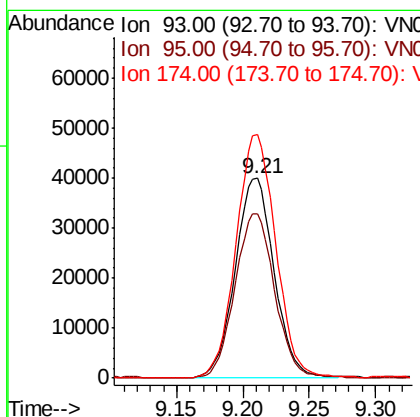
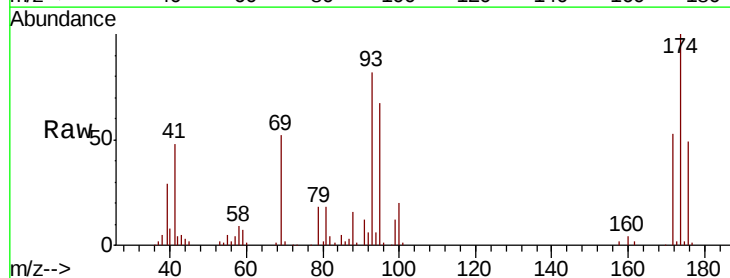
Manual Integrations
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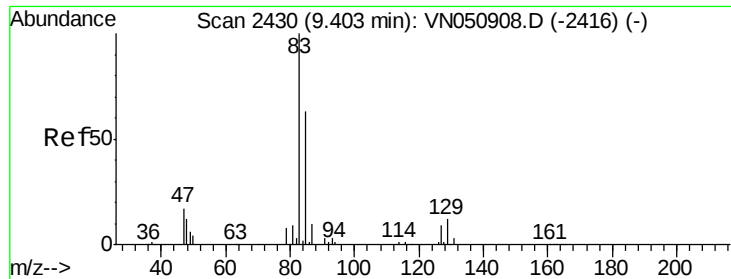
MMDadoda
 9/25/2018 10:53:32 AM



#40
 Dibromomethane
 Concen: 16.756 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Tgt Ion: 93 Resp: 81820
 Ion Ratio Lower Upper
 93 100
 95 83.7 0.0 173.4
 174 124.2 0.0 234.8





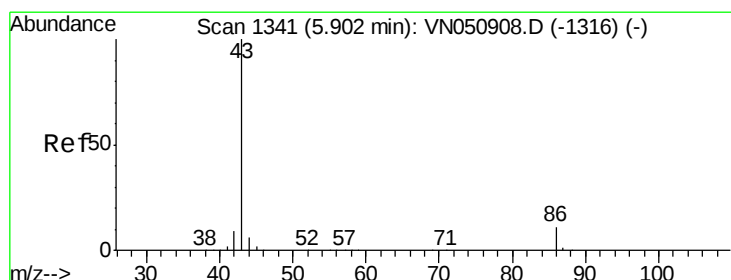
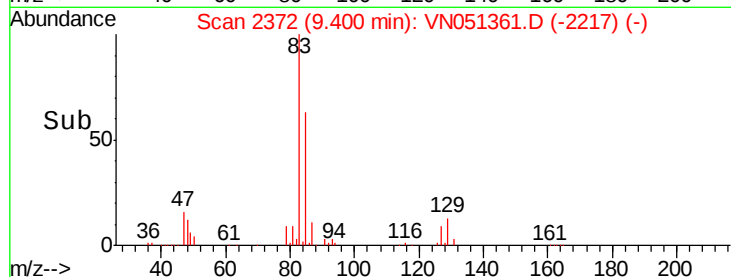
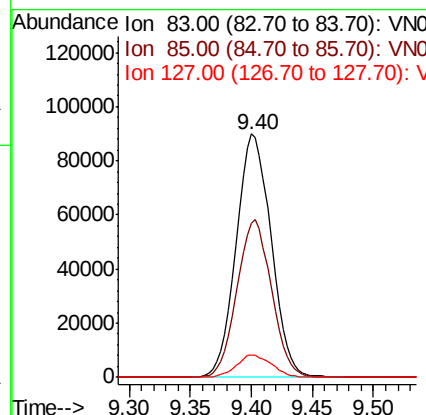
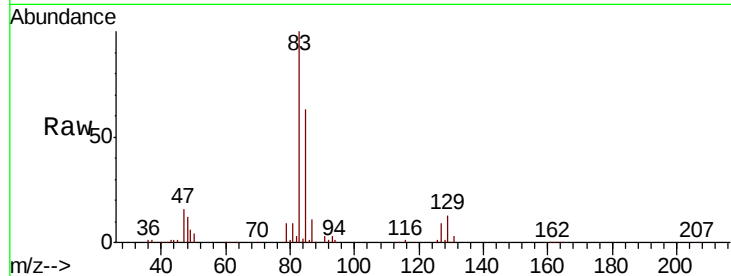
#41
 Bromodichloromethane
 Concen: 17.419 ug/l
 RT: 9.40 min Scan# 2372
 Delta R.T. -0.00 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.6	76.0
127	9.2	7.1	10.7

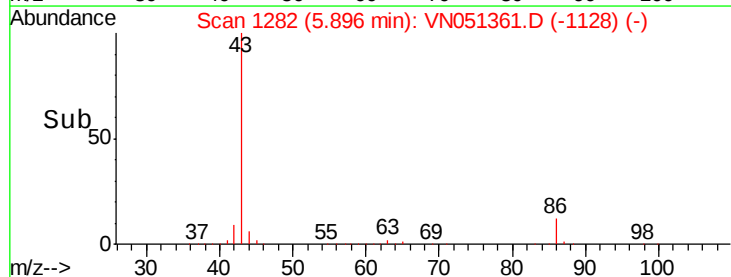
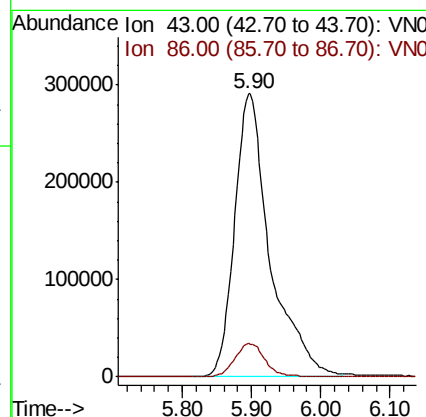
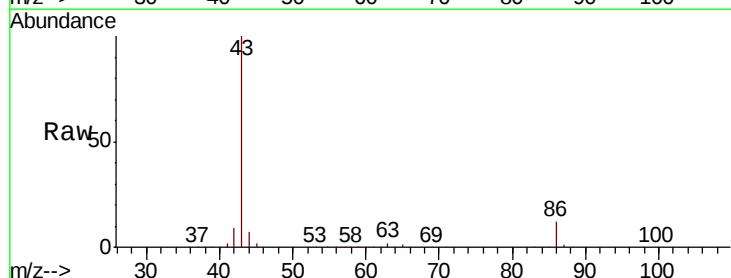
Manual Integrations
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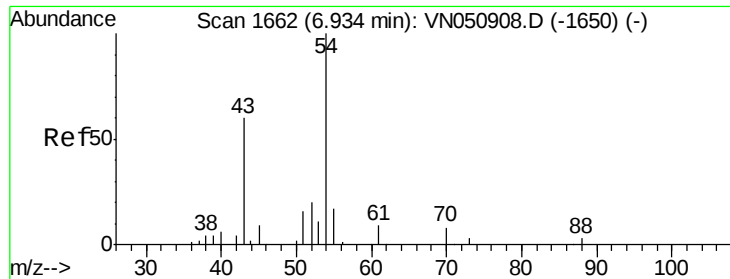
MMDadoda
 9/25/2018 10:53:32 AM



#42
 Vinyl Acetate
 Concen: 73.257 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Tgt Ion	Ratio	Lower	Upper
43	100		
86	10.1	7.2	10.8





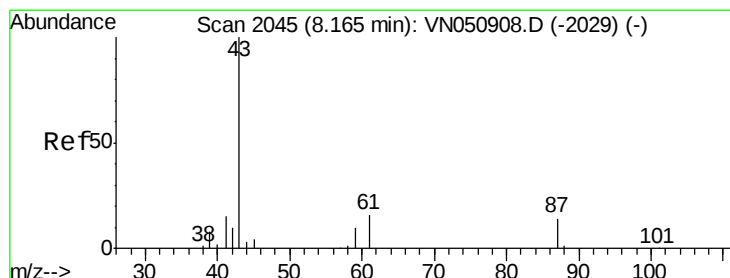
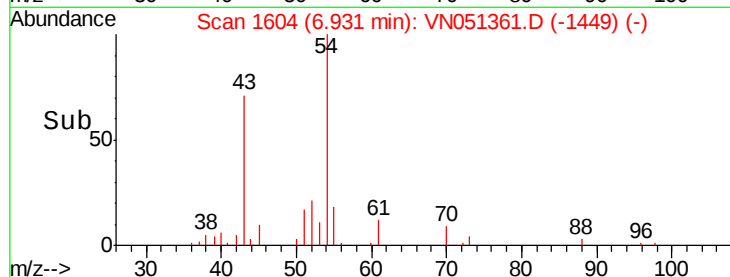
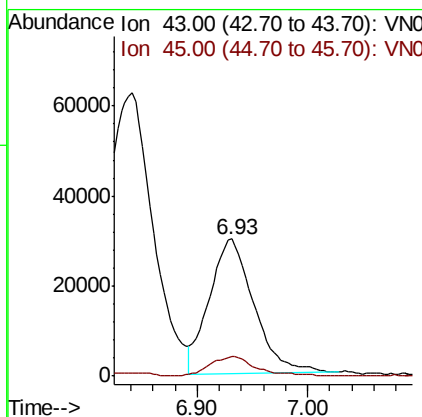
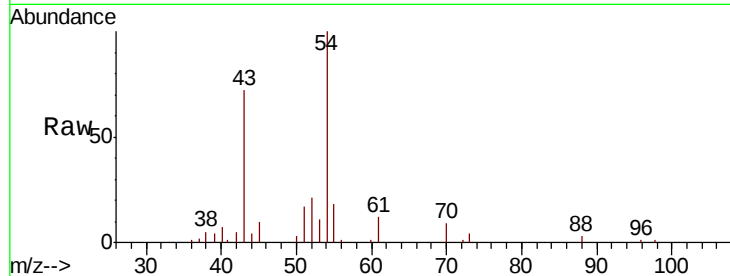
#43
Ethyl Acetate
Concen: 13.172 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tgt Ion: 43 Resp: 83288
Ion Ratio Lower Upper
43 100
45 13.5 10.2 15.2

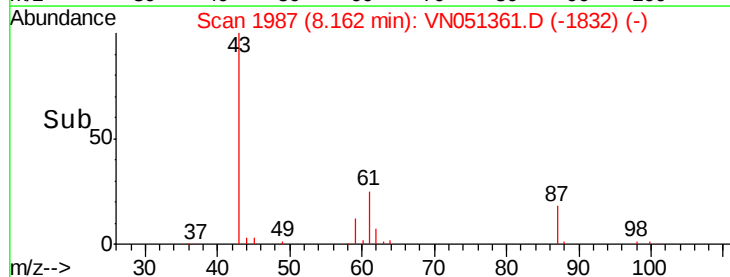
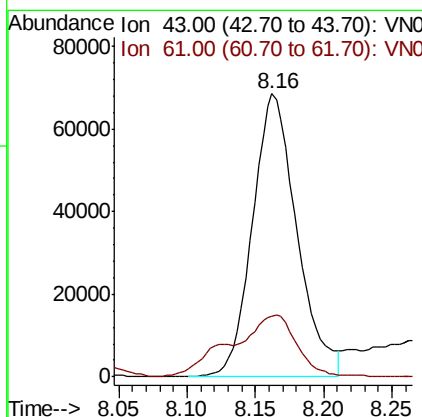
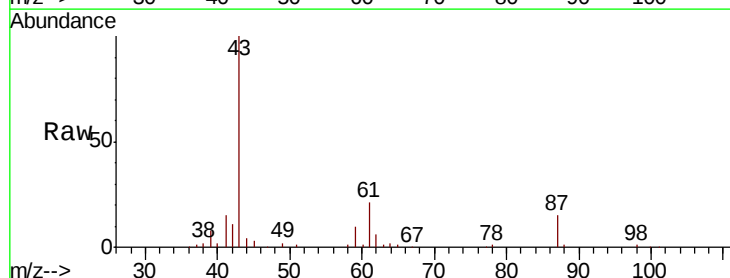
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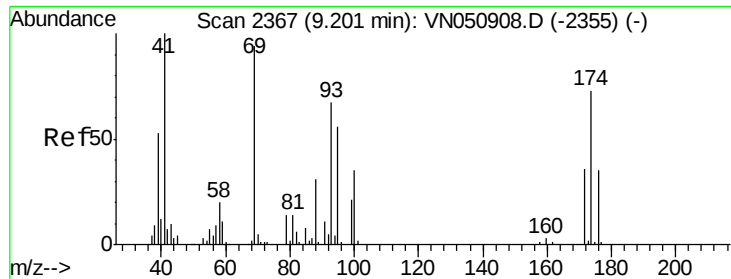
MMDadoda
9/25/2018 10:53:32 AM



#44
Isopropyl Acetate
Concen: 13.897 ug/l
RT: 8.16 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Tgt Ion: 43 Resp: 155056
Ion Ratio Lower Upper
43 100
61 20.2 16.3 24.5





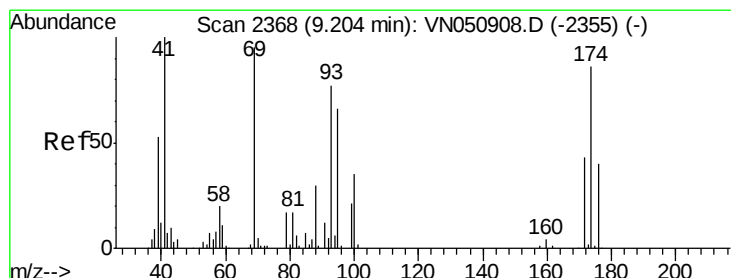
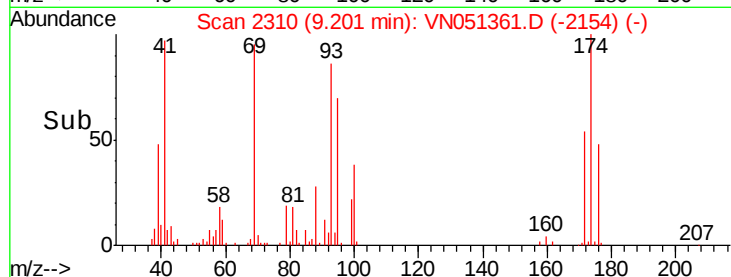
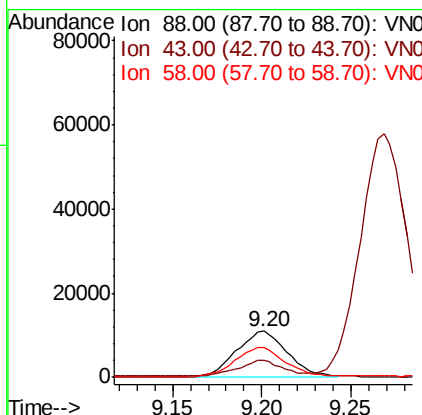
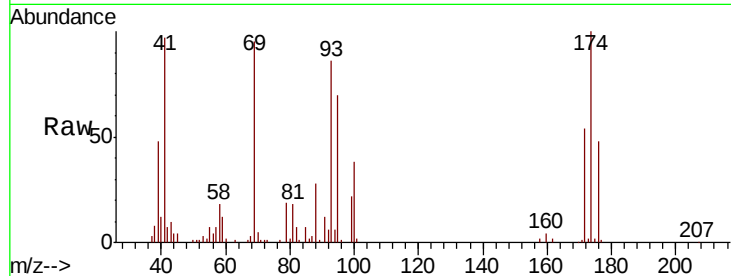
#45
 1,4-Dioxane
 Concen: 264.898 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	21955		
43	28.4		23.5	35.3
58	66.1		55.2	82.8

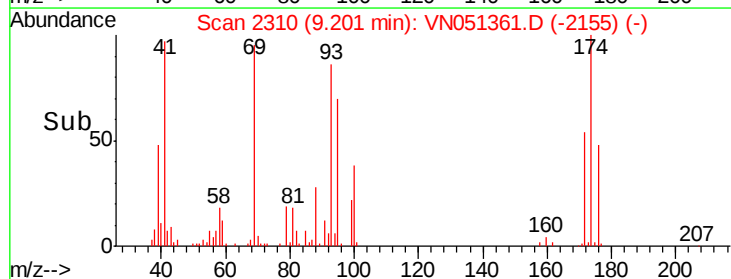
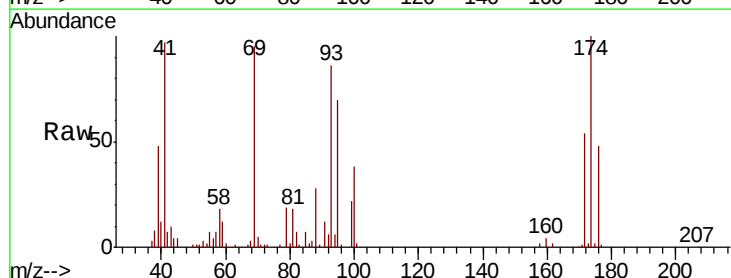
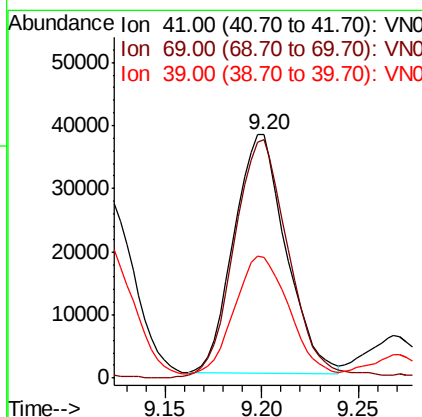
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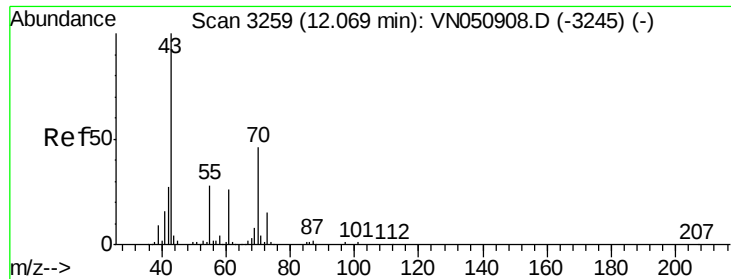
MMDadoda
 9/25/2018 10:53:32 AM



#46
 Methyl methacrylate
 Concen: 12.644 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	70652		
69	99.4		47.4	142.2
39	48.9		26.6	79.7





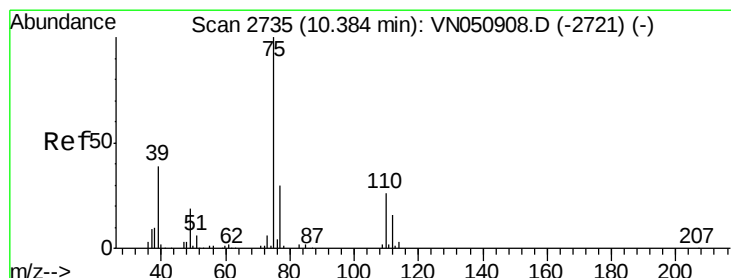
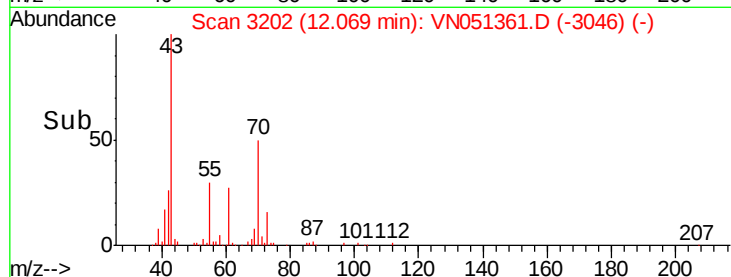
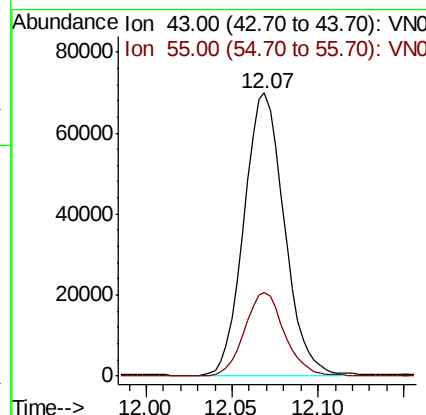
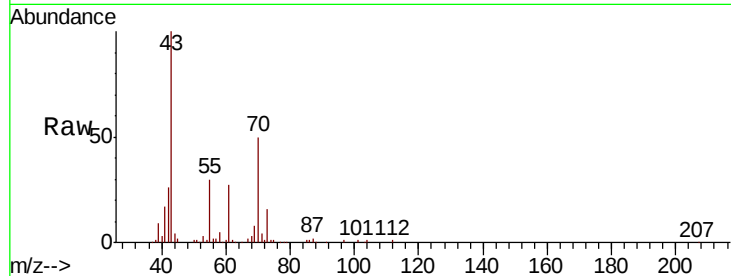
#47
n-amyl Acetate
Concen: 12.669 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Instrument :
MSVOA_N
ClientSampled :
VN0921WBS01

Tgt Ion: 43 Resp: 113644
Ion Ratio Lower Upper
43 100
55 29.4 23.0 34.4

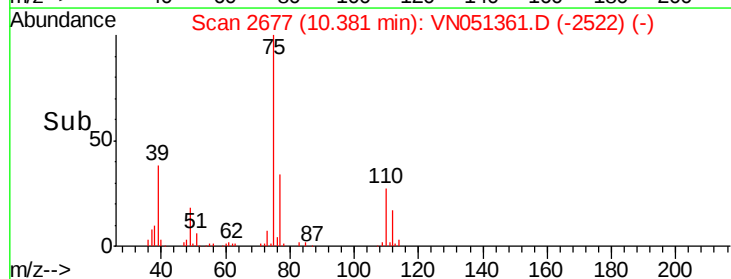
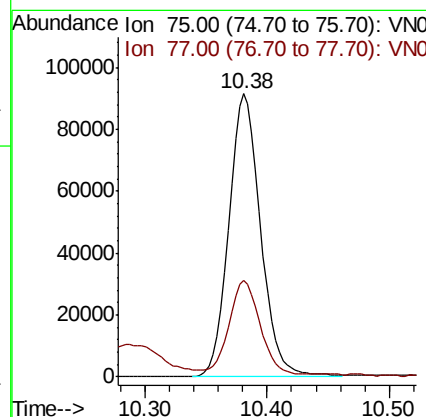
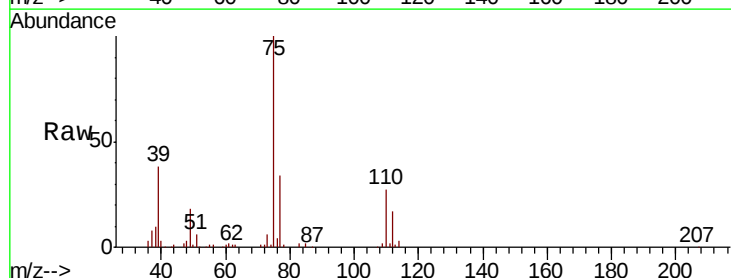
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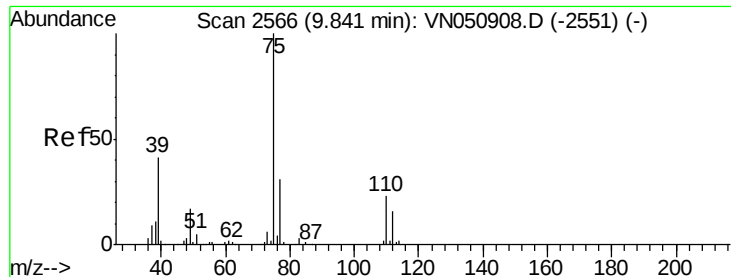
MMDadoda
9/25/2018 10:53:32 AM



#48
t-1,3-Dichloropropene
Concen: 16.559 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Tgt Ion: 75 Resp: 167090
Ion Ratio Lower Upper
75 100
77 33.3 24.8 37.2





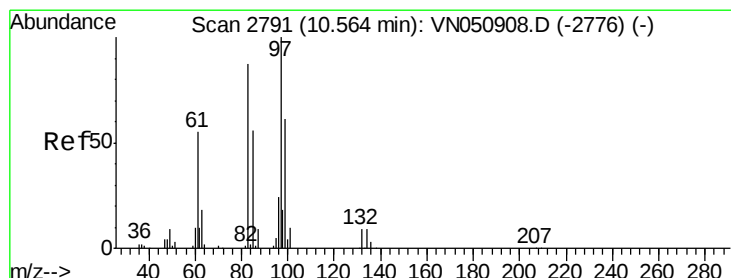
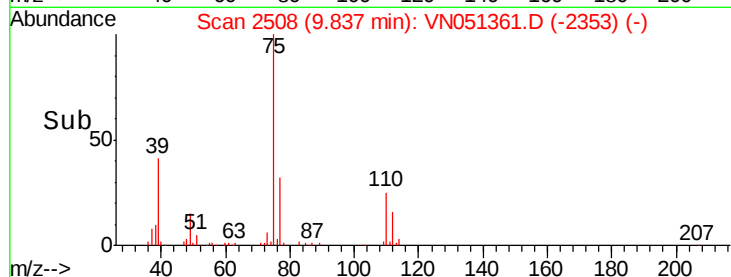
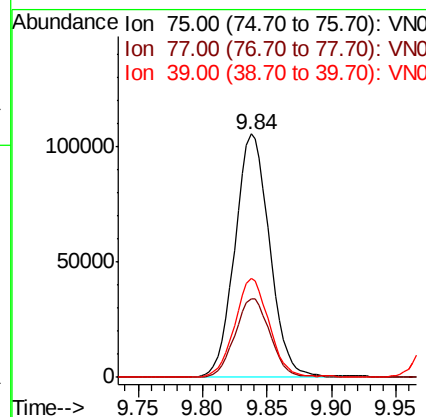
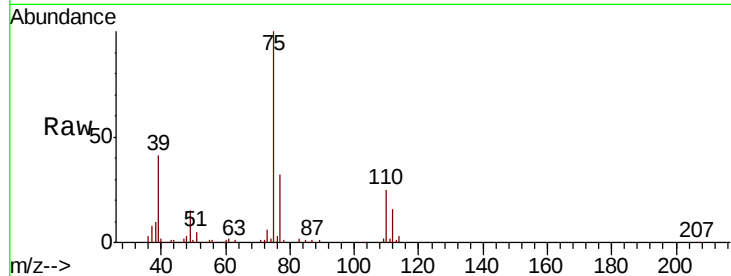
#49
 cis-1,3-Dichloropropene
 Concen: 17.072 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Instrument :
 MSVOA_N
 ClientSampled :
 VN0921WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.0	37.4
39	40.7	32.9	49.3

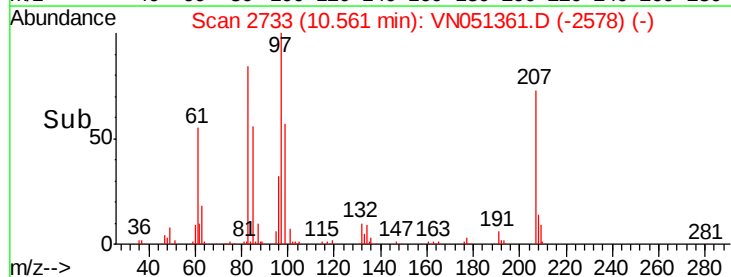
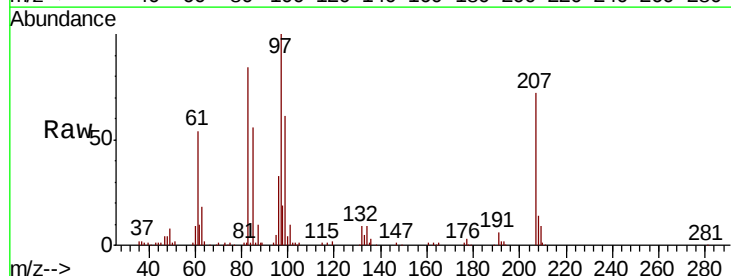
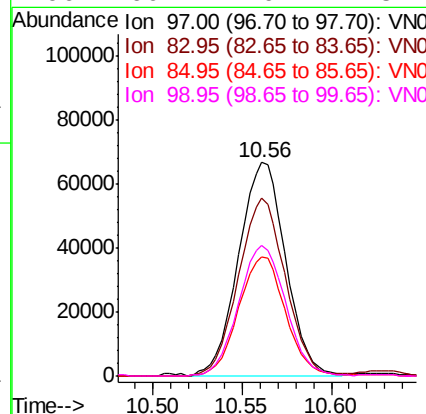
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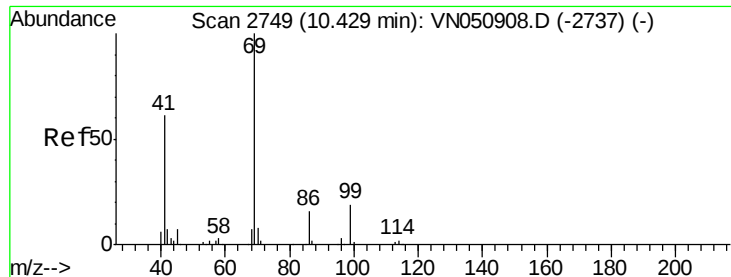
MMDadoda
 9/25/2018 10:53:32 AM



#50
 1,1,2-Trichloroethane
 Concen: 17.397 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.2	69.8	104.6
85	55.7	45.0	67.6
99	60.7	49.1	73.7





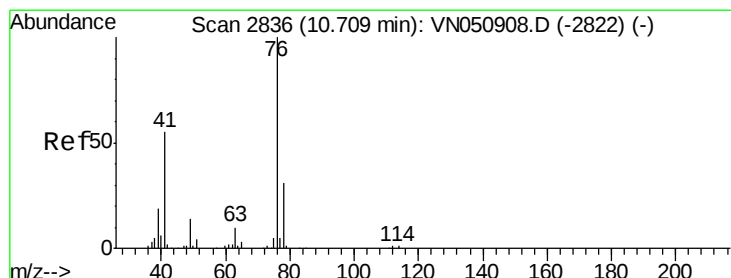
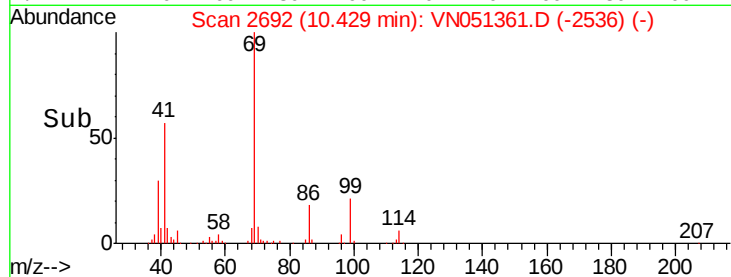
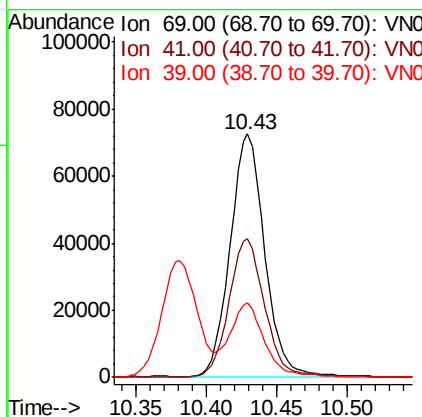
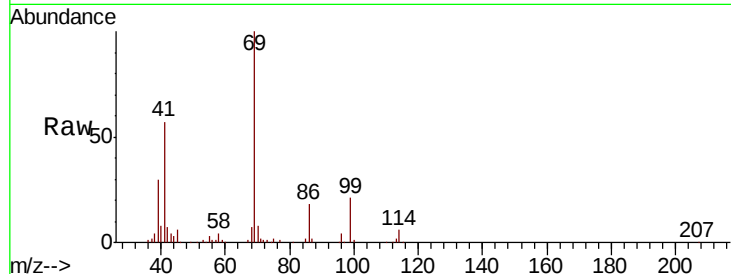
#51
Ethyl methacrylate
Concen: 14.423 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. 0.00 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Instrument :
MSVOA_N
ClientSampled :
VN0921WBS01

Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.8	30.5	91.5
39	30.1	15.3	45.8

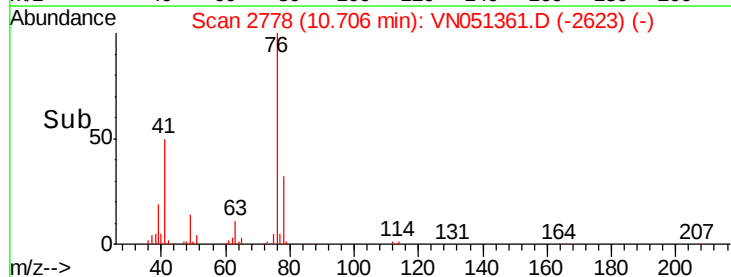
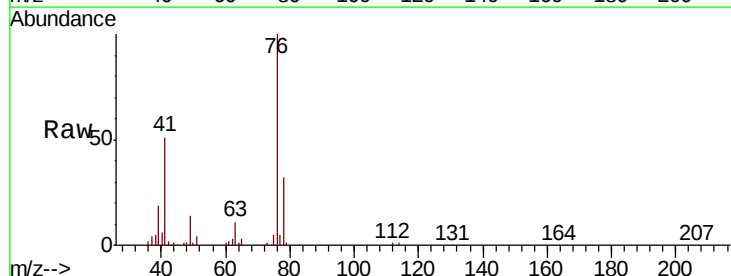
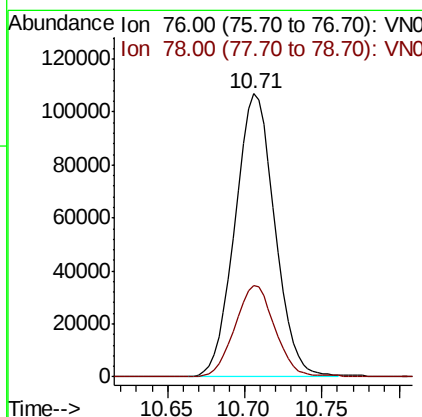
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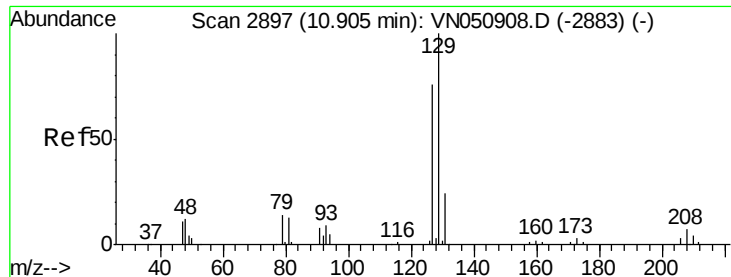
MMDadoda
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#52
1,3-Dichloropropane
Concen: 16.271 ug/l
RT: 10.71 min Scan# 2778
Delta R.T. -0.00 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.3	0.0	63.4





#53

Dibromochloromethane

Concen: 17.757 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. -0.00 min

Lab File: VN051361.D

Acq: 21 Sep 2018 11:30

Instrument :

MSVOA_N

ClientSampled :

VN0921WBS01

Tgt Ion:129 Resp: 143262

Ion Ratio Lower Upper

129 100

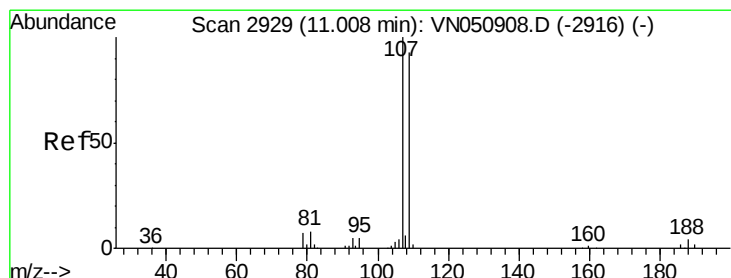
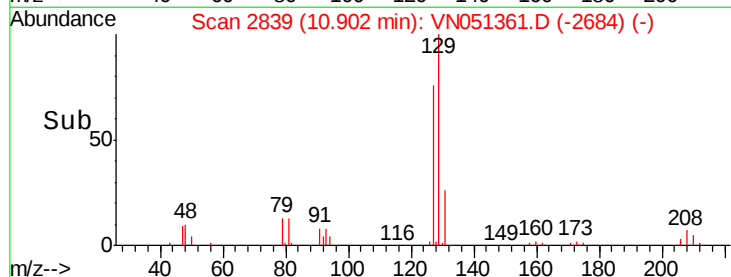
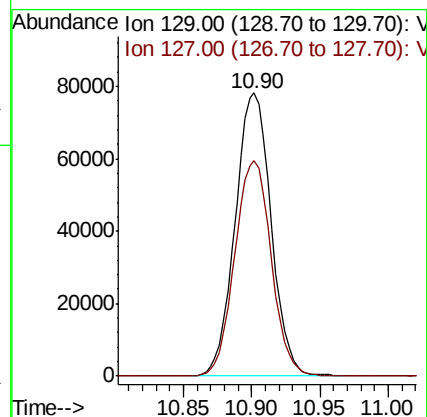
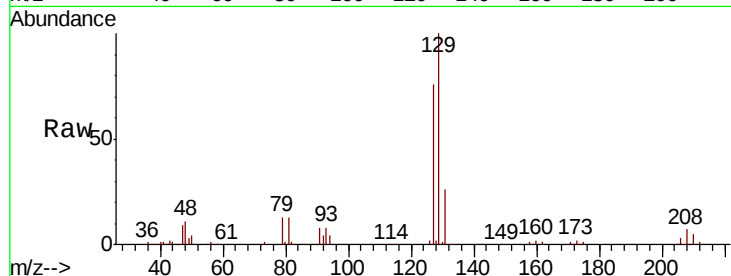
127 77.0 39.0 116.9

Manual Integrations

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9/25/2018 10:53:32 AM



#54

1,2-Dibromoethane

Concen: 16.146 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN051361.D

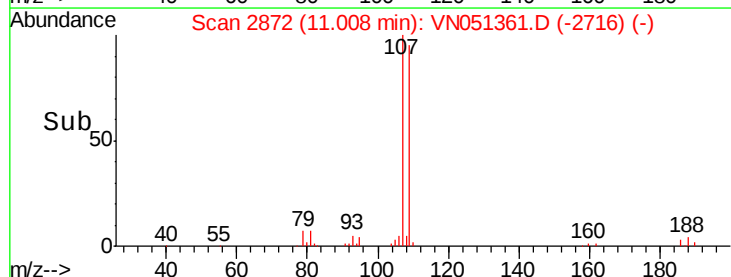
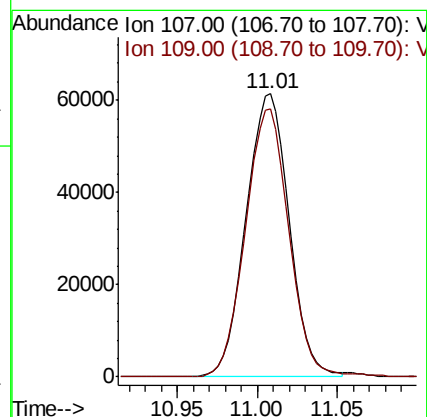
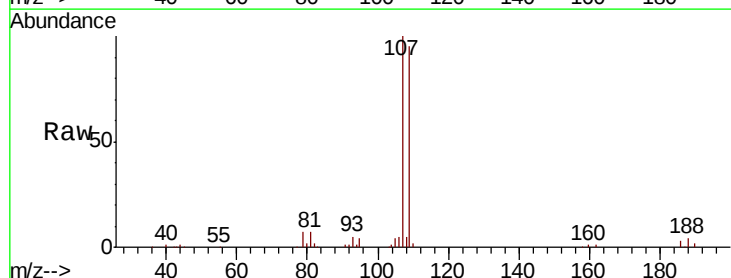
Acq: 21 Sep 2018 11:30

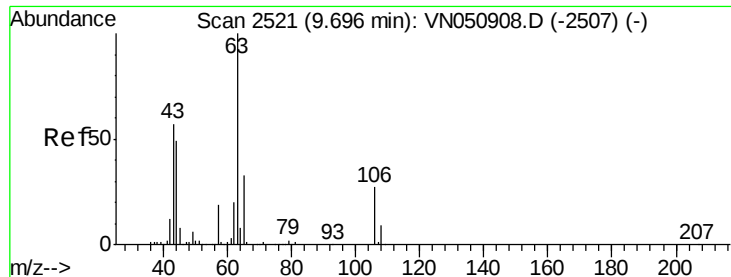
Tgt Ion:107 Resp: 113278

Ion Ratio Lower Upper

107 100

109 95.1 74.4 111.6





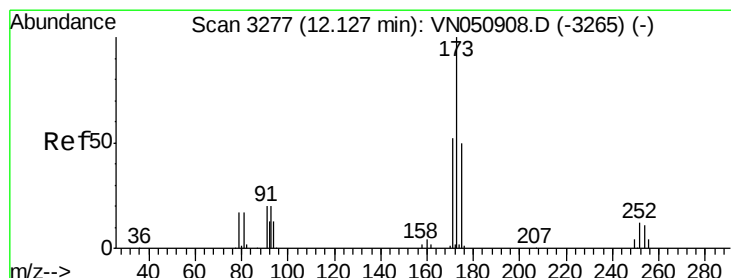
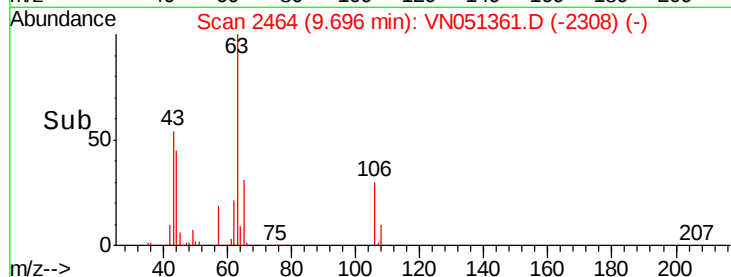
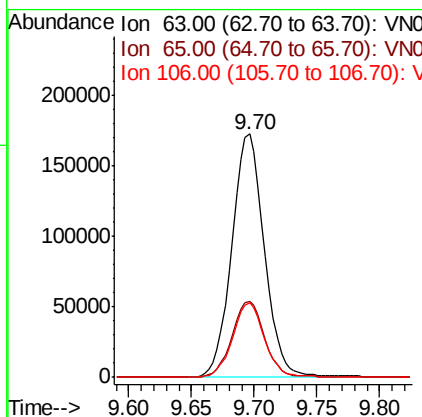
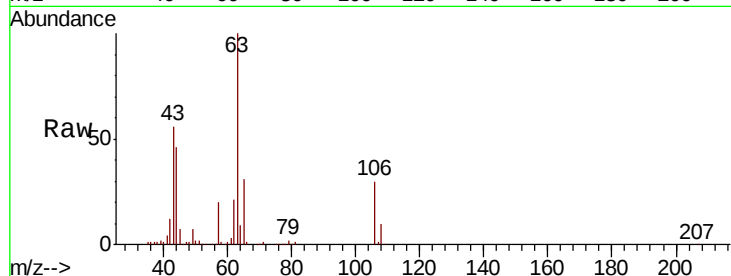
#55
 2-Chloroethyl vinyl ether
 Concen: 86.454 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.5	25.4	38.2
106	30.0	22.0	33.0

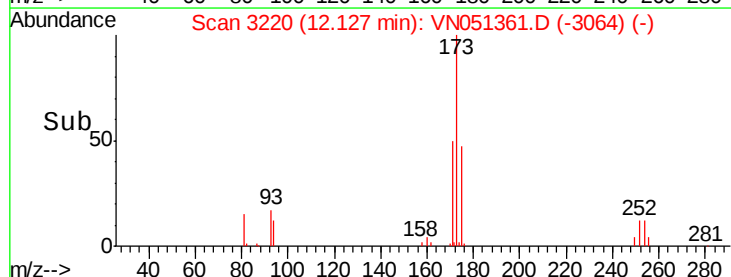
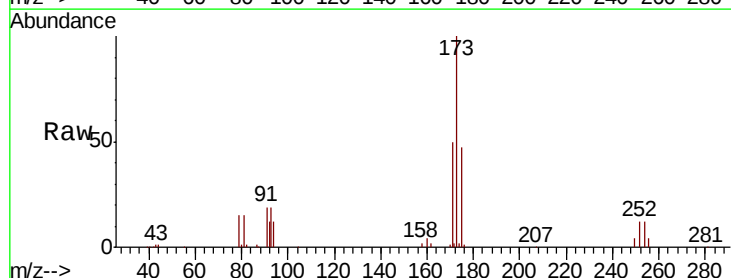
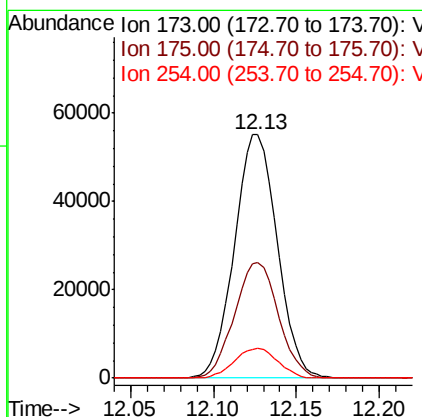
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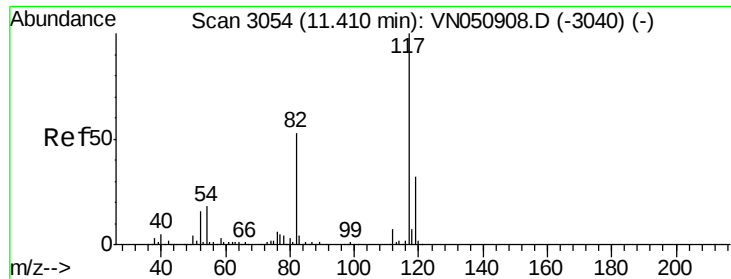
MMDadoda
 9/25/2018 10:53:32 AM



#56
 Bromoform
 Concen: 17.233 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.5	39.2	58.8
254	12.4	9.0	13.6





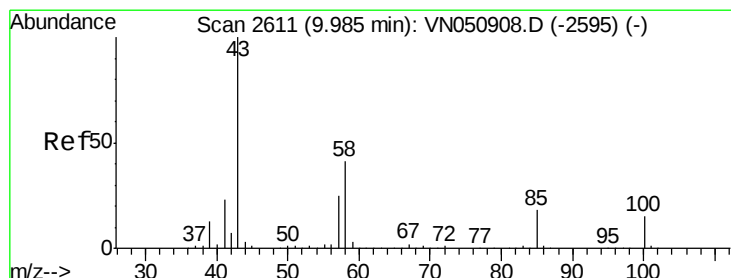
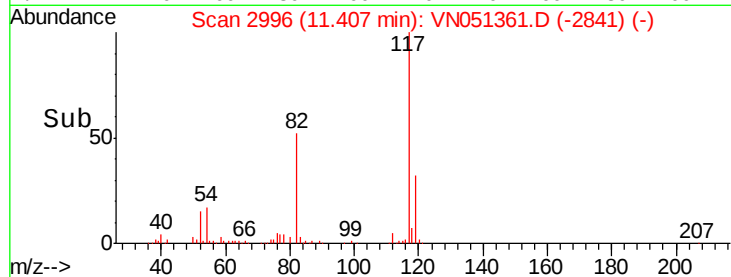
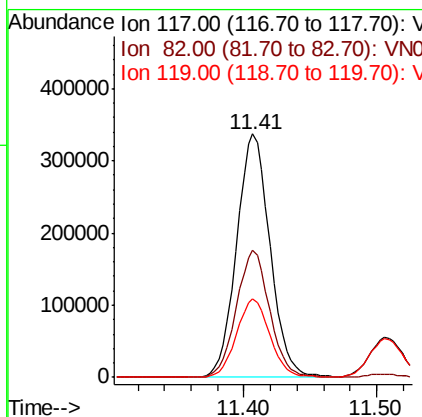
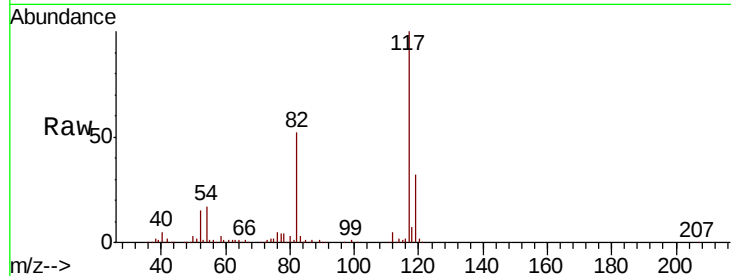
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	52.0	42.6	64.0
119	32.2	25.7	38.5

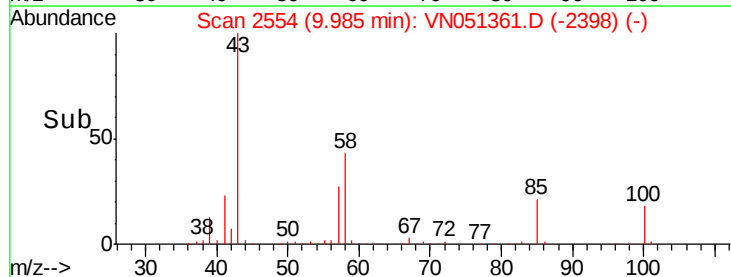
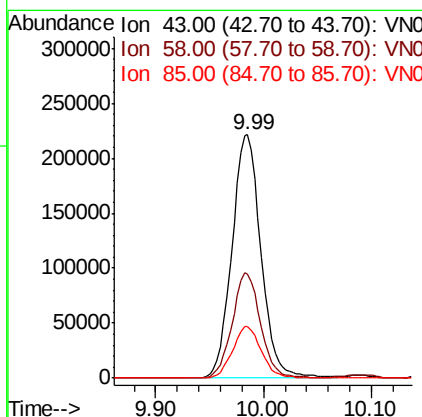
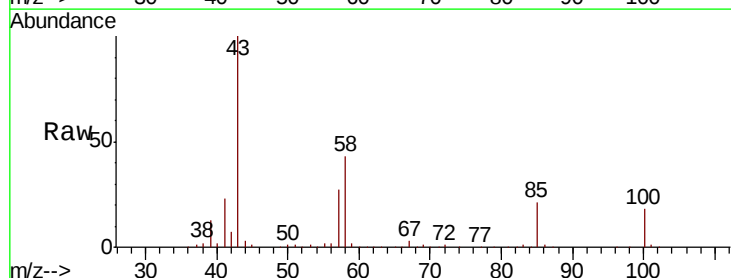
Manual Integrations
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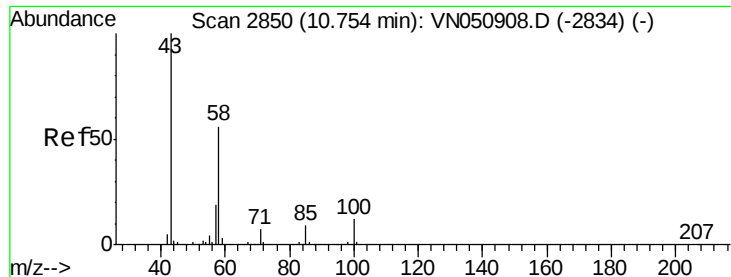
MMDadoda
9/25/2018 10:53:32 AM



#58
4-Methyl-2-Pentanone
Concen: 61.412 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
43	100		
58	42.4	32.3	48.5
85	21.2	14.9	22.3





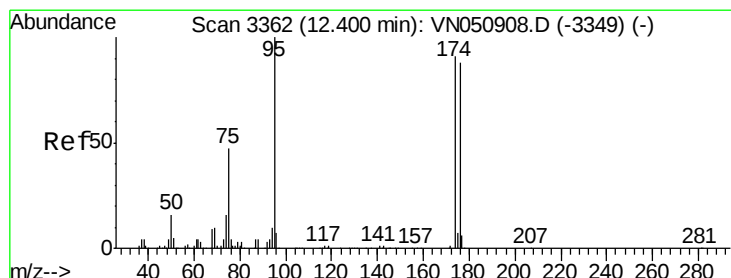
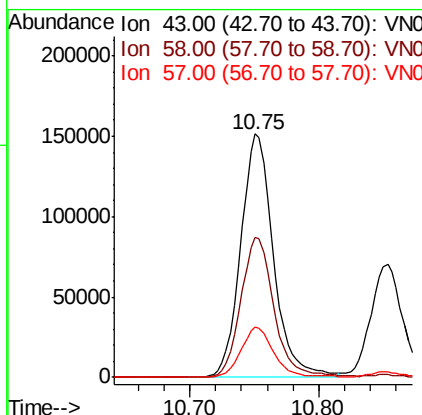
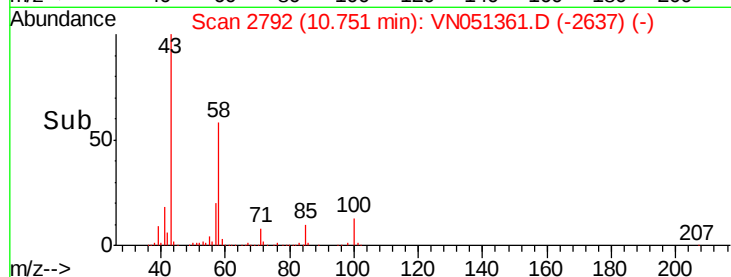
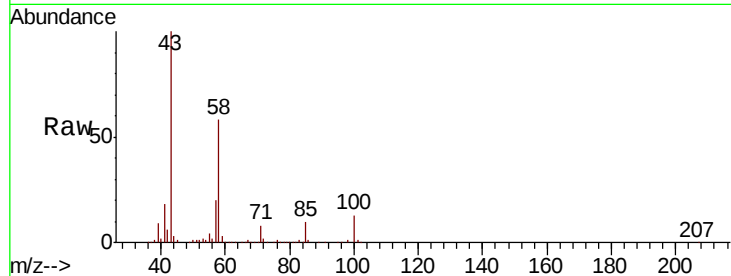
#59
2-Hexanone
Concen: 60.696 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	58.5	45.5	68.3
57	20.2	15.2	22.8

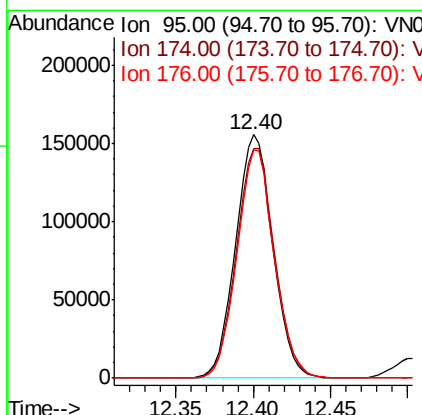
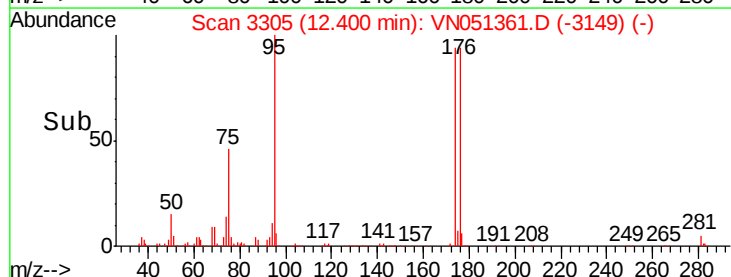
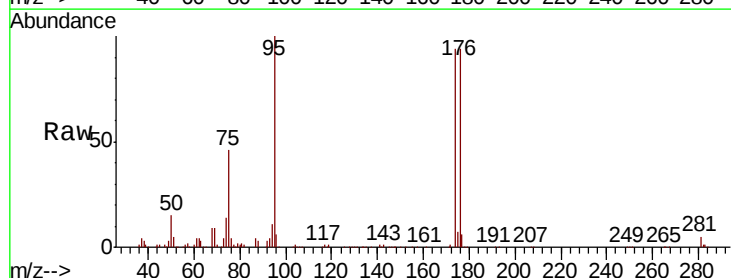
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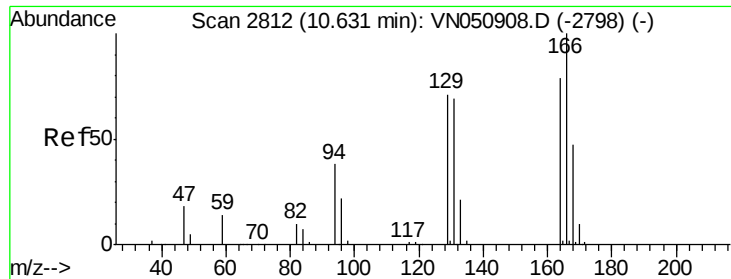
MMDadoda
9/25/2018 10:53:32 AM



#60
4-Bromofluorobenzene
Concen: 29.608 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.1	74.6	112.0
176	93.8	71.5	107.3





#61

Tetrachloroethene

Concen: 18.847 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN051361.D

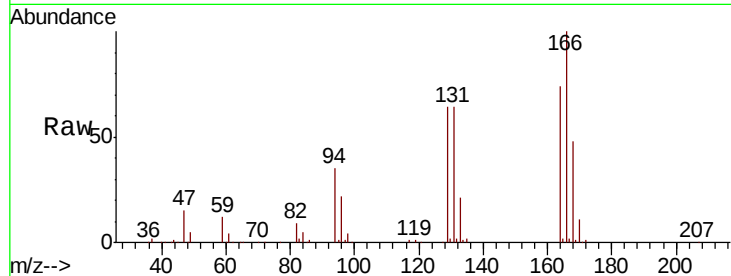
Acq: 21 Sep 2018 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS01



Tgt Ion: 164 Resp: 138517

Ion Ratio Lower Upper

164 100

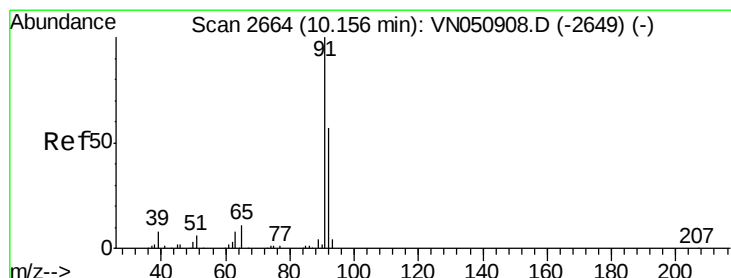
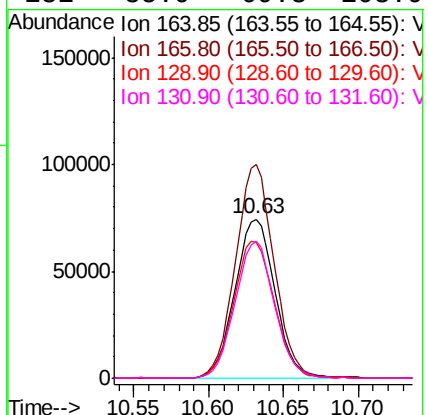
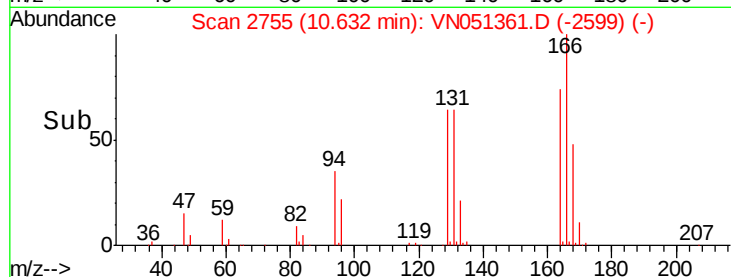
166 134.5 100.6 151.0

129 85.5 71.0 106.6

131 85.9 69.3 103.9

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#62

Toluene

Concen: 17.717 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051361.D

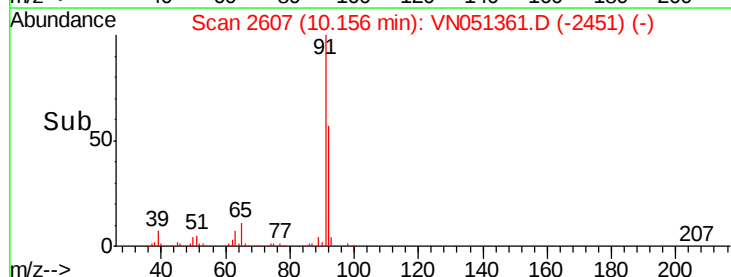
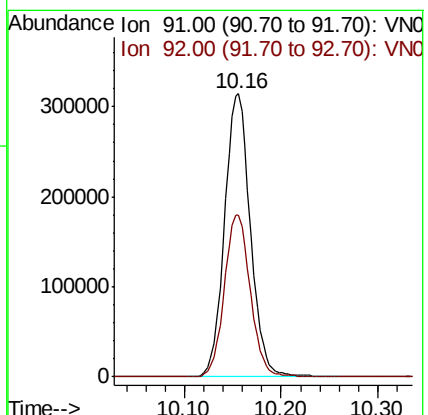
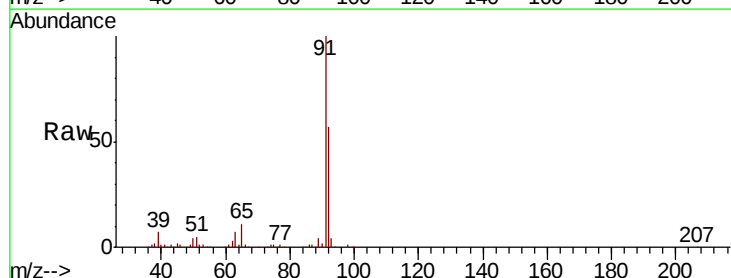
Acq: 21 Sep 2018 11:30

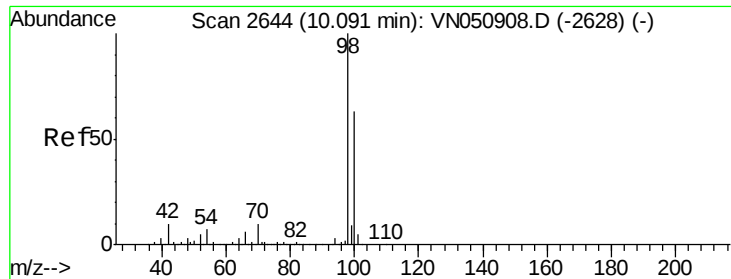
Tgt Ion: 91 Resp: 582983

Ion Ratio Lower Upper

91 100

92 57.6 45.8 68.8





#63

Toluene-d8

Concen: 29.964 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051361.D

Acq: 21 Sep 2018 11:30

Instrument :

MSVOA_N

ClientSampled :

VN0921WBS01

Tgt Ion: 98 Resp: 824150

Ion Ratio Lower Upper

98 100

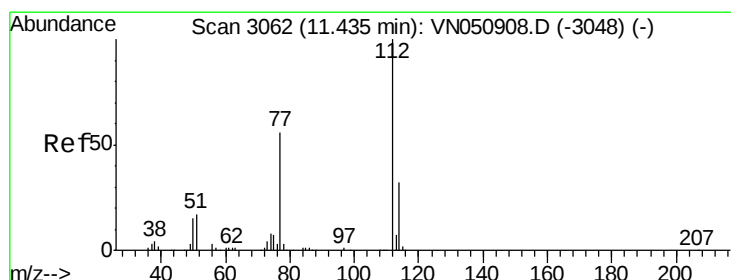
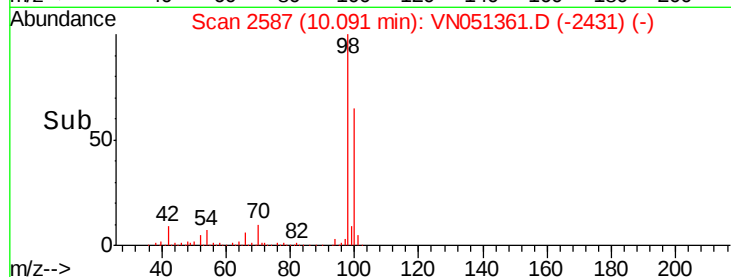
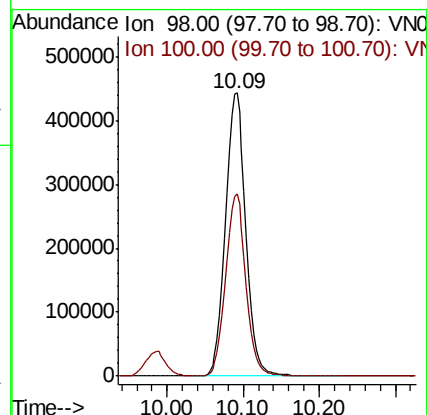
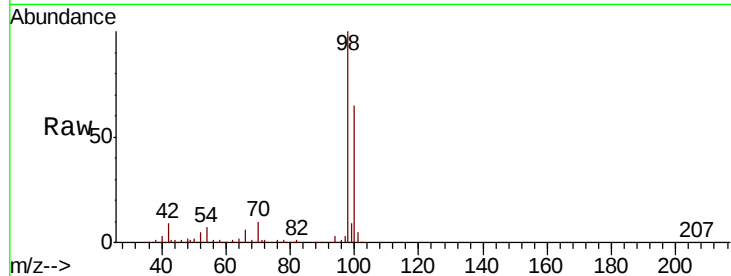
100 64.2 50.6 75.8

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#64

Chlorobenzene

Concen: 18.194 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN051361.D

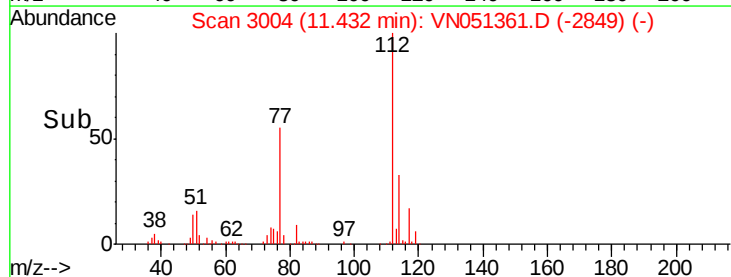
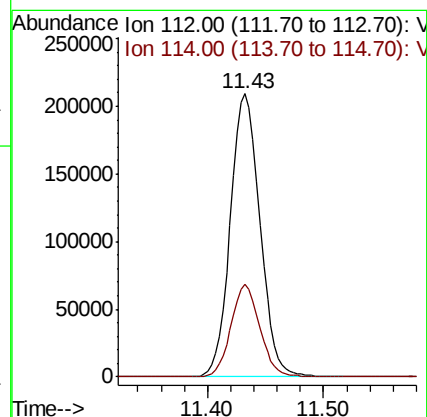
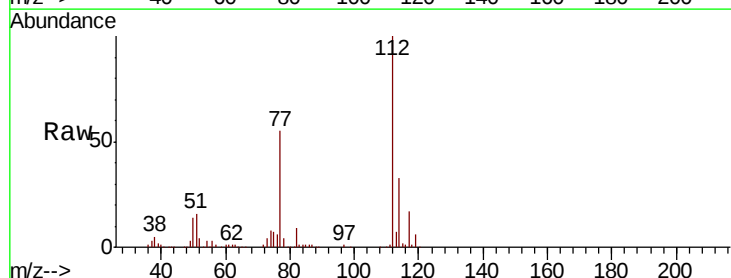
Acq: 21 Sep 2018 11:30

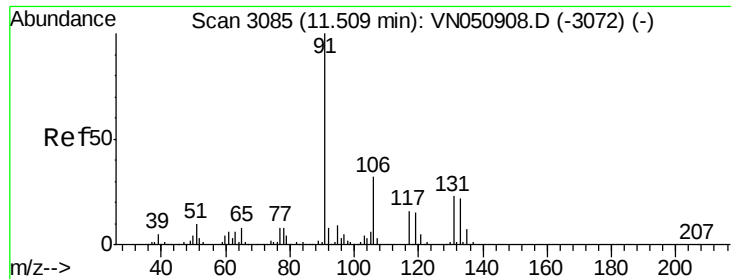
Tgt Ion: 112 Resp: 371031

Ion Ratio Lower Upper

112 100

114 32.6 25.5 38.3





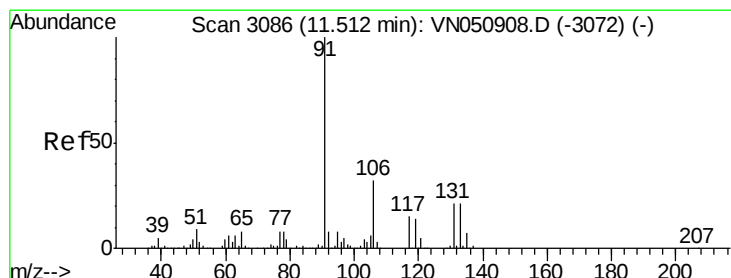
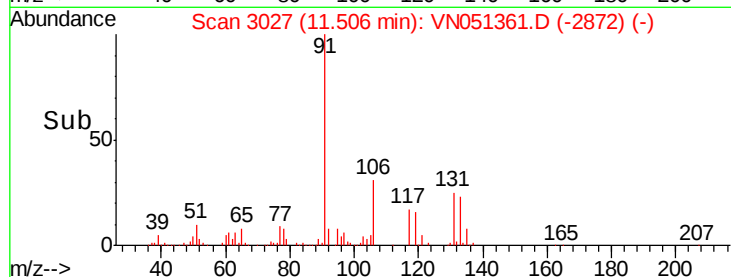
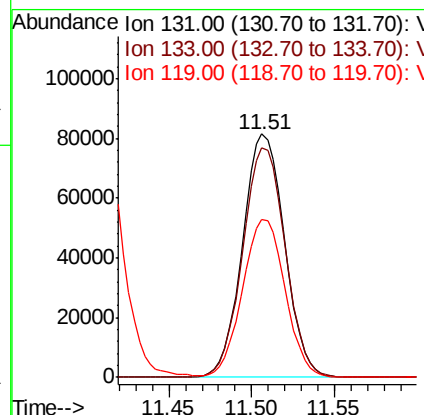
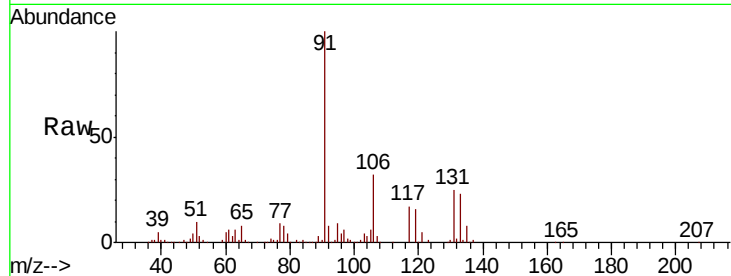
#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.610 ug/l
 RT: 11.51 min Scan# 3027
 Delta R.T. -0.00 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	143288		
133	95.9	0.0	189.4	
119	66.1	0.0	132.2	

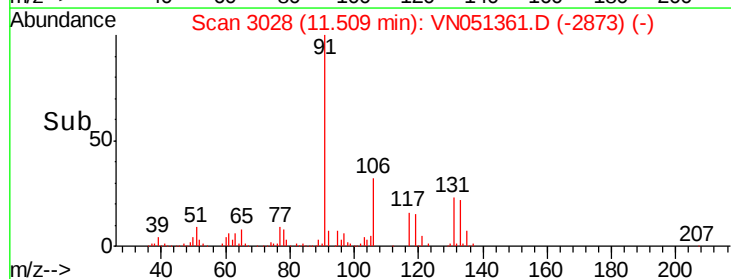
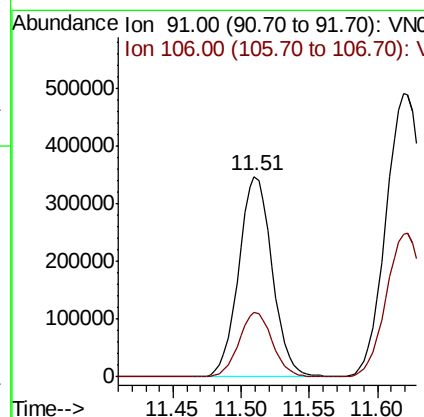
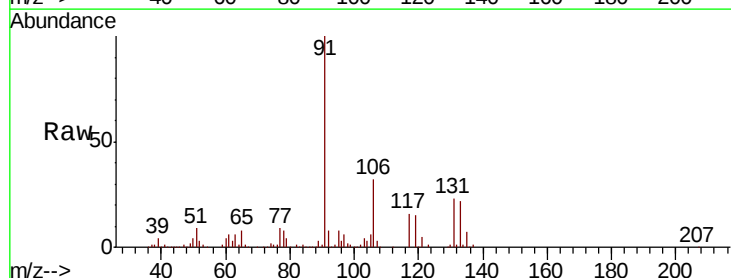
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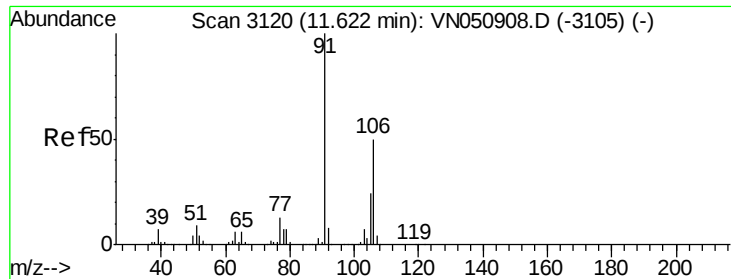
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#66
 Ethyl Benzene
 Concen: 17.427 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. -0.00 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	593970		
106	32.2	25.7	38.5	





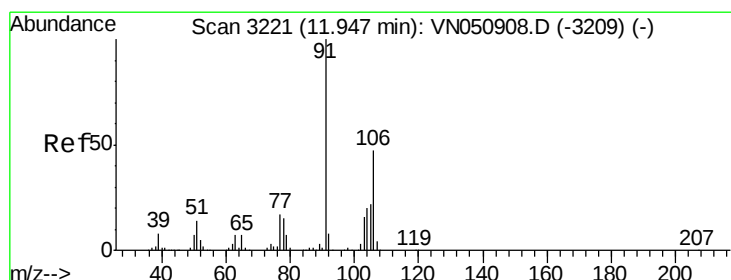
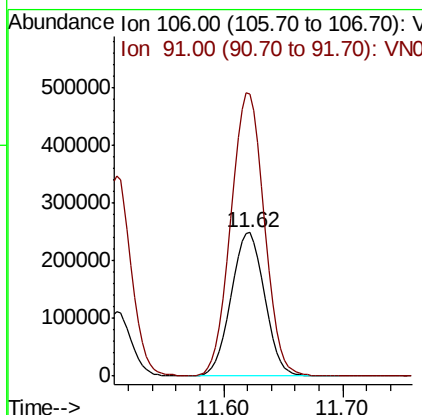
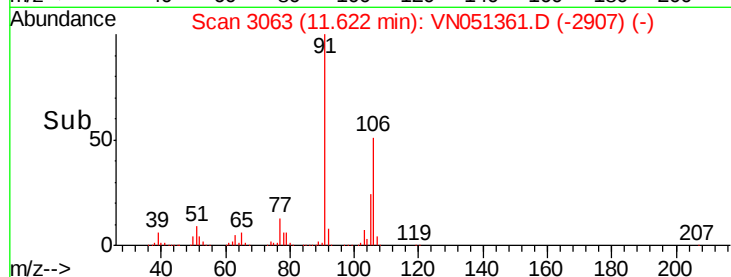
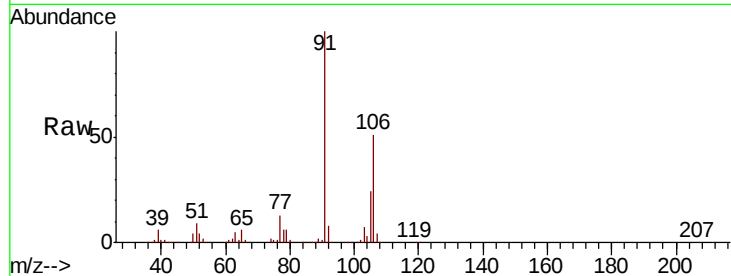
#67
m/p-Xylenes
Concen: 37.067 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Instrument :
MSVOA_N
ClientSampled :
VN0921WBS01

Tgt Ion:106 Resp: 486093
Ion Ratio Lower Upper
106 100
91 196.7 160.6 241.0

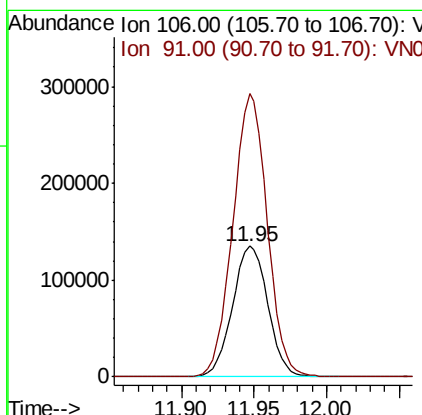
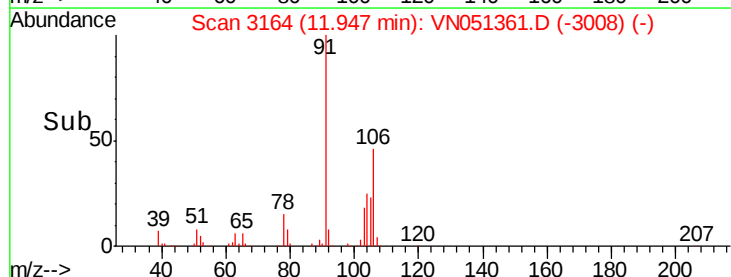
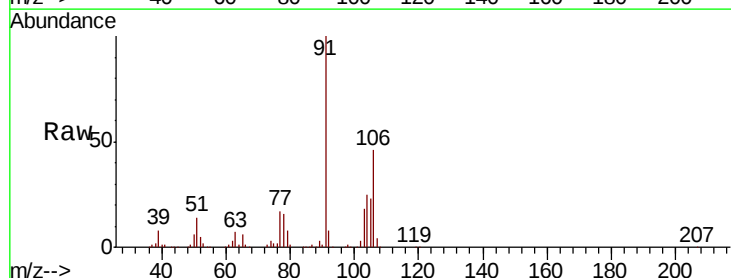
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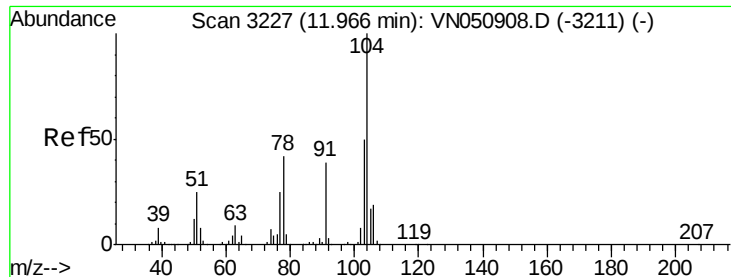
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#68
o-Xylene
Concen: 18.288 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Tgt Ion:106 Resp: 229153
Ion Ratio Lower Upper
106 100
91 210.5 106.4 319.2





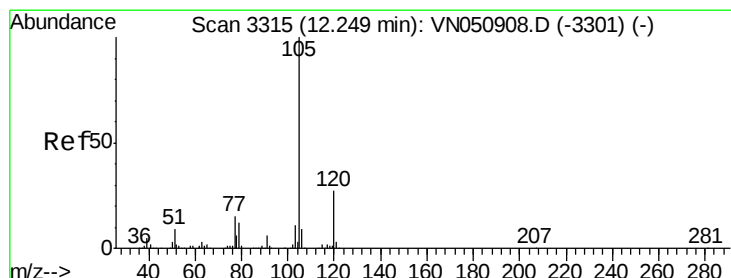
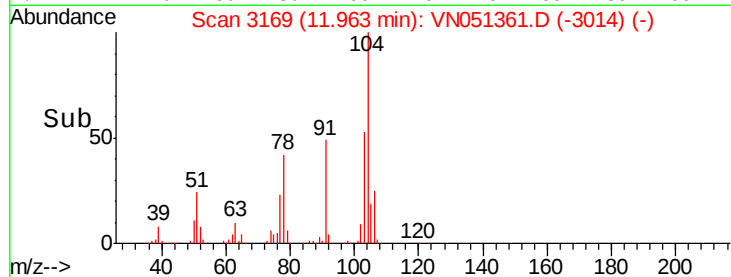
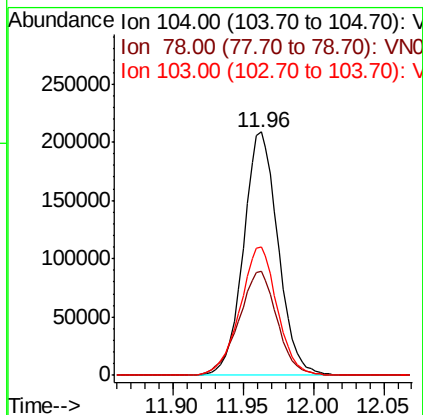
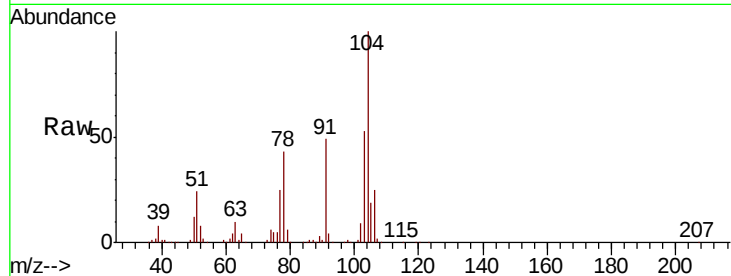
#69
Styrene
Concen: 18.026 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.3	38.6	58.0
103	56.7	45.4	68.2

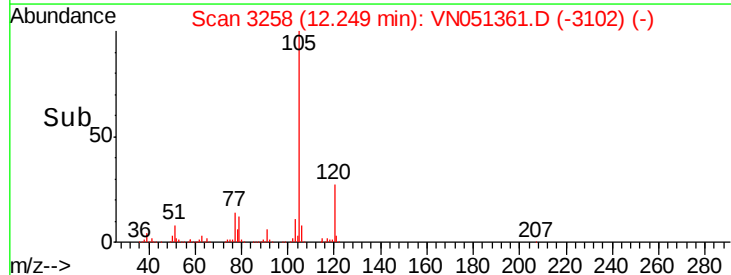
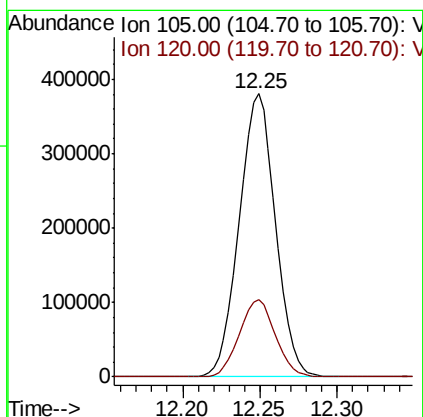
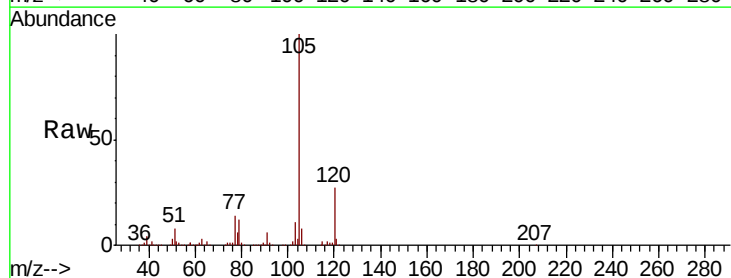
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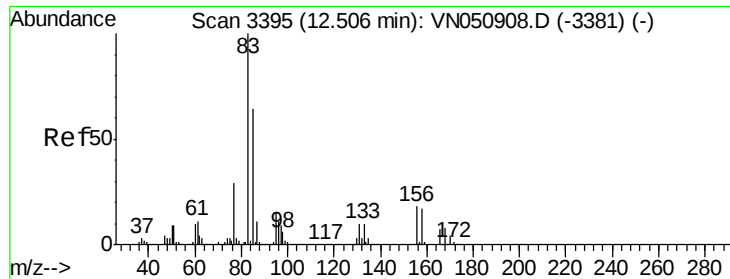
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#70
Isopropylbenzene
Concen: 18.634 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.2	18.6	34.6





#71

1,1,2,2-Tetrachloroethane

Concen: 15.486 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN051361.D

Acq: 21 Sep 2018 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS01

Tgt Ion: 83 Resp: 139608

Ion Ratio Lower Upper

83 100

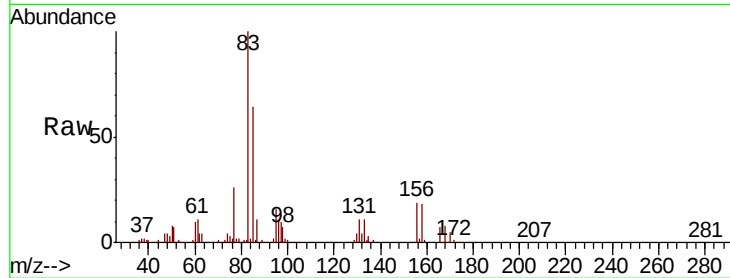
131 11.3 5.3 15.9

85 63.3 32.3 96.9

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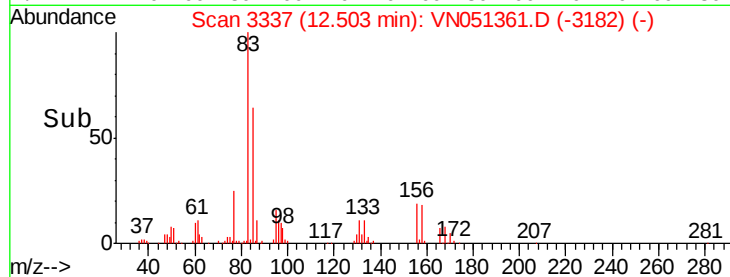


Abundance Ion 83.00 (82.70 to 83.70): VN050908.D (-3381) (-)

Ion 131.00 (130.70 to 131.70): VN050908.D (-3381) (-)

Ion 85.00 (84.70 to 85.70): VN050908.D (-3381) (-)

Time-->

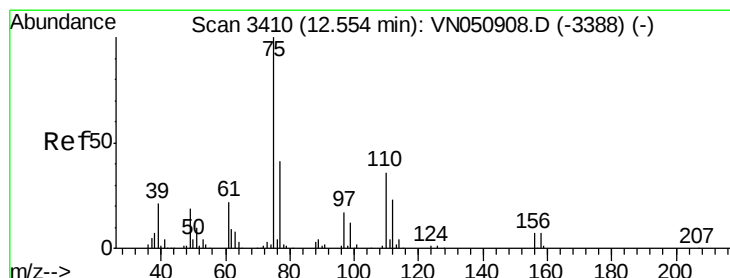


Abundance Ion 83.00 (82.70 to 83.70): VN051361.D (-3182) (-)

Ion 131.00 (130.70 to 131.70): VN051361.D (-3182) (-)

Ion 85.00 (84.70 to 85.70): VN051361.D (-3182) (-)

Time-->



#72

1,2,3-Trichloropropane

Concen: 13.634 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051361.D

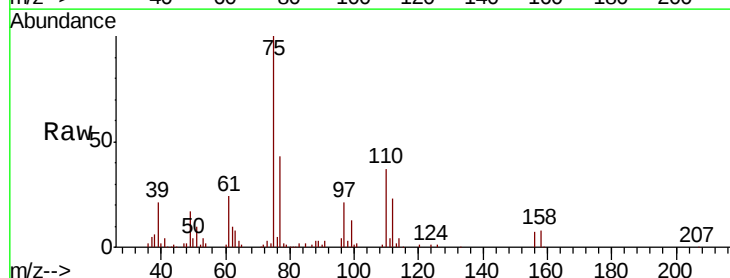
Acq: 21 Sep 2018 11:30

Tgt Ion: 75 Resp: 106042

Ion Ratio Lower Upper

75 100

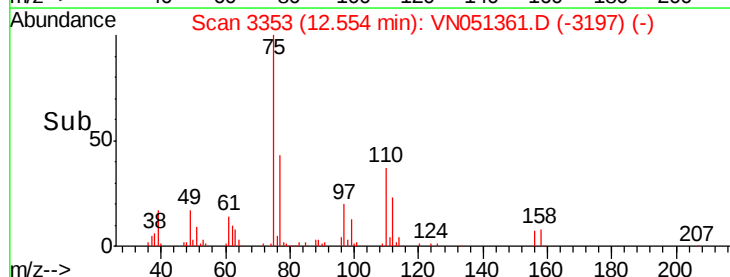
77 246.4 0.0 301.6



Abundance Ion 75.00 (74.70 to 75.70): VN050908.D (-3388) (-)

Ion 77.00 (76.70 to 77.70): VN050908.D (-3388) (-)

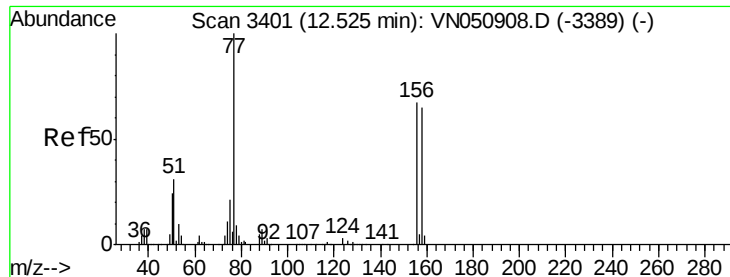
Time-->



Abundance Ion 75.00 (74.70 to 75.70): VN051361.D (-3197) (-)

Ion 77.00 (76.70 to 77.70): VN051361.D (-3197) (-)

Time-->



#73

Bromobenzene

Concen: 18.660 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN051361.D

Acq: 21 Sep 2018 11:30

Instrument :

MSVOA_N

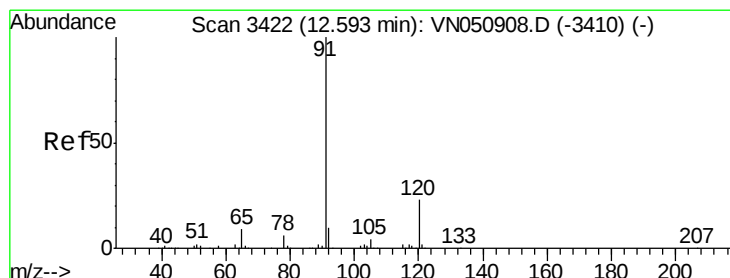
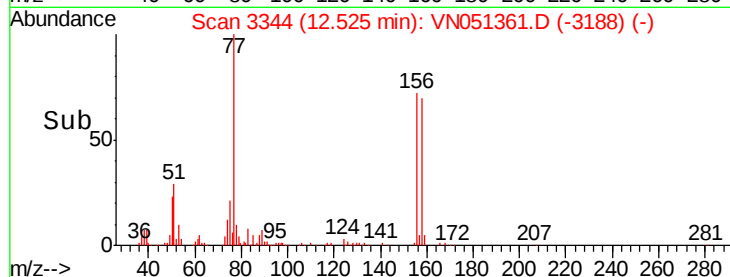
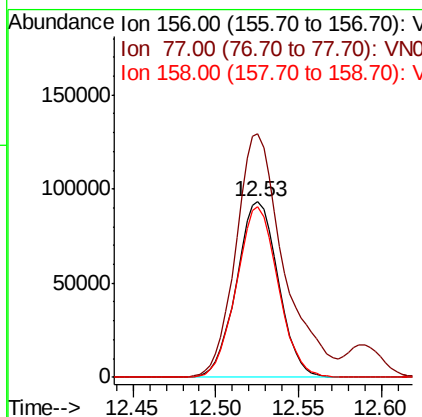
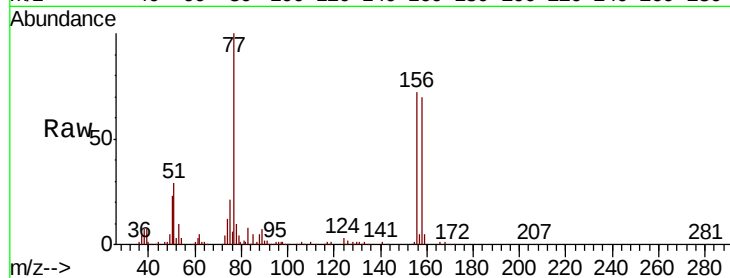
ClientSampleId :

VN0921WBS01

Tgt Ion:	156	Resp:	163465
Ion Ratio	Lower	Upper	
156	100		
77	159.9	0.0	359.4
158	96.7	0.0	194.6

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#74

n-propylbenzene

Concen: 18.281 ug/l

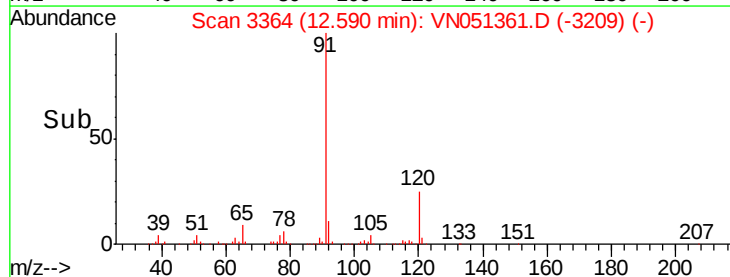
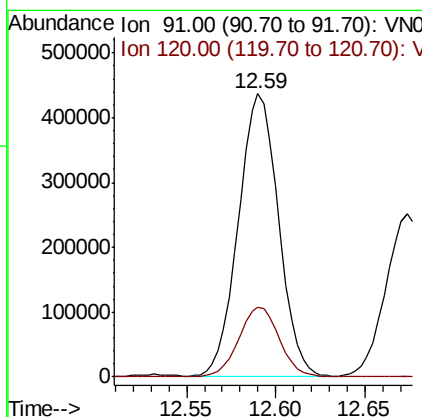
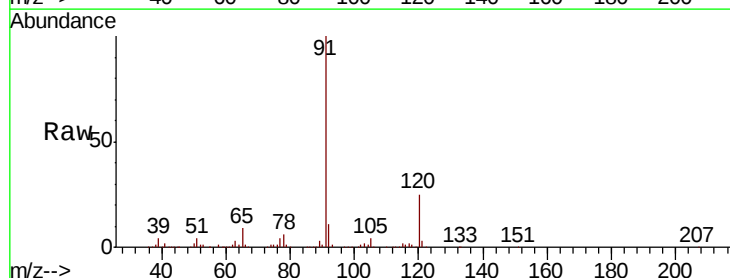
RT: 12.59 min Scan# 3364

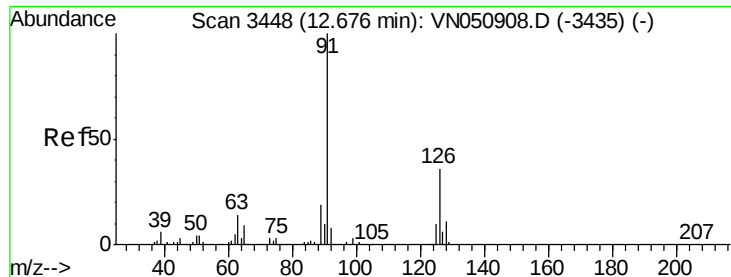
Delta R.T. -0.00 min

Lab File: VN051361.D

Acq: 21 Sep 2018 11:30

Tgt Ion:	91	Resp:	688155
Ion Ratio	Lower	Upper	
91	100		
120	24.7	0.0	46.0





#75

2-Chlorotoluene

Concen: 18.190 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051361.D

Acq: 21 Sep 2018 11:30

Instrument :

MSVOA_N

ClientSampled :

VN0921WBS01

Tgt Ion: 91 Resp: 415980

Ion Ratio Lower Upper

91 100

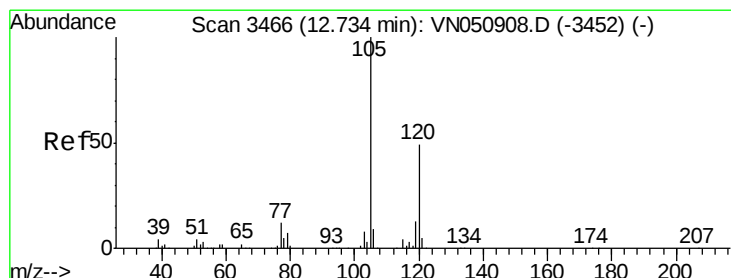
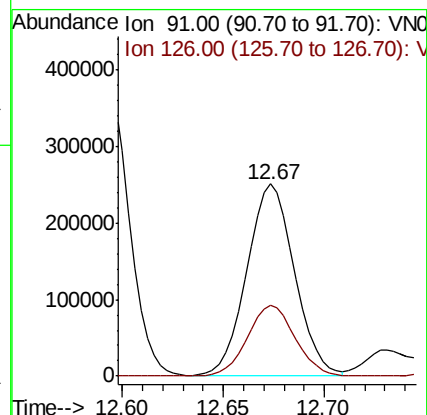
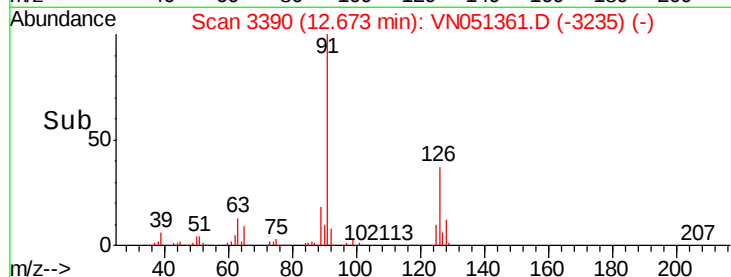
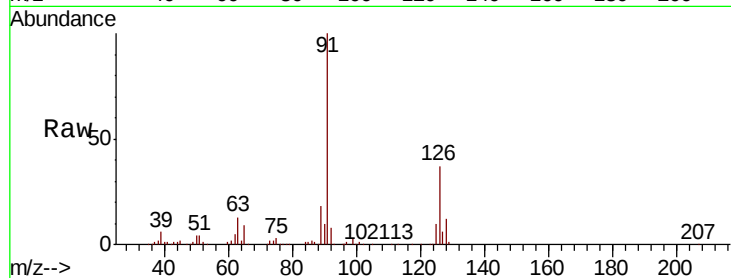
126 37.0 0.0 71.8

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#76

1,3,5-Trimethylbenzene

Concen: 19.238 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051361.D

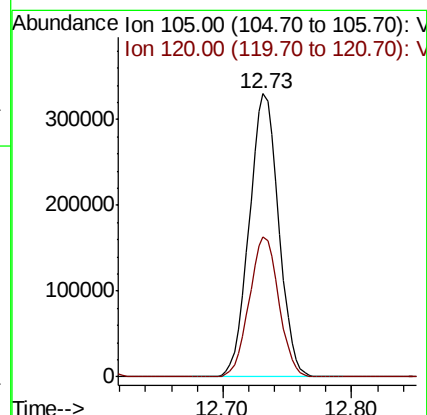
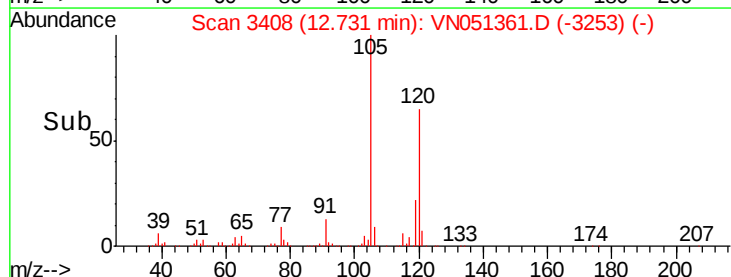
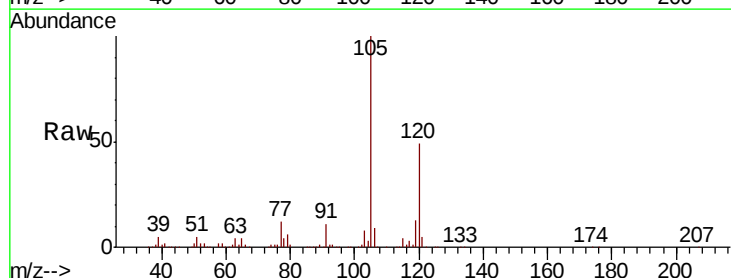
Acq: 21 Sep 2018 11:30

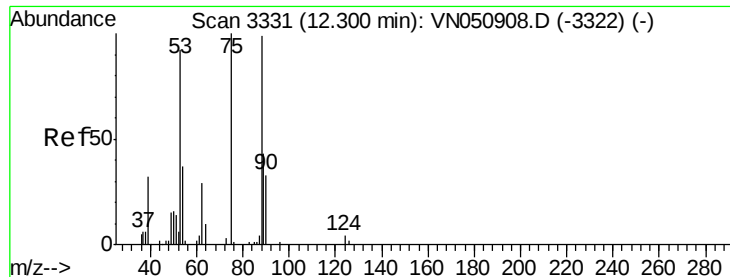
Tgt Ion: 105 Resp: 523452

Ion Ratio Lower Upper

105 100

120 49.9 0.0 99.6





#77

t-1,4-Dichloro-2-butene

Concen: 15.700 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN051361.D

Acq: 21 Sep 2018 11:30

Instrument :

MSVOA_N

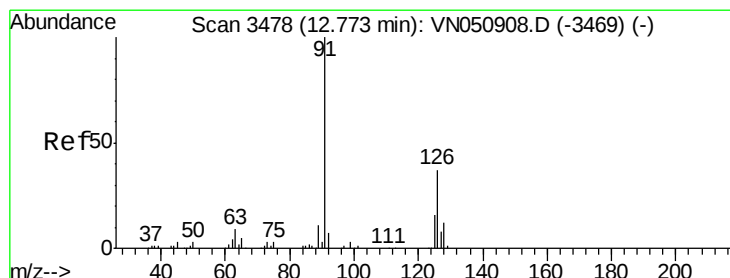
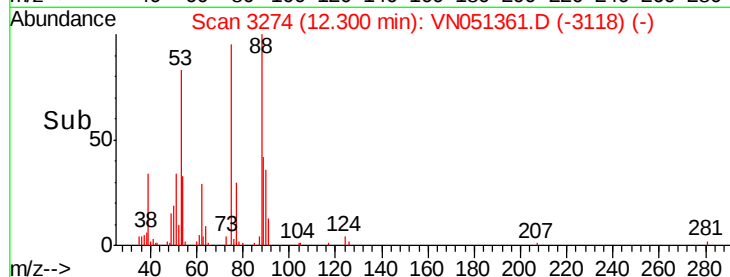
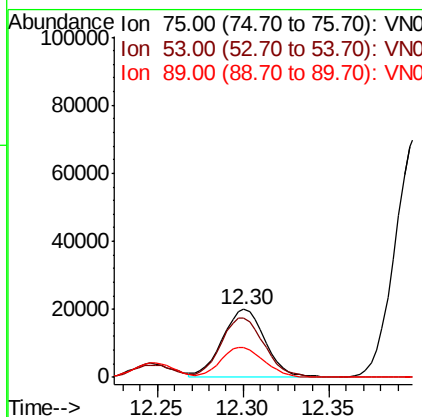
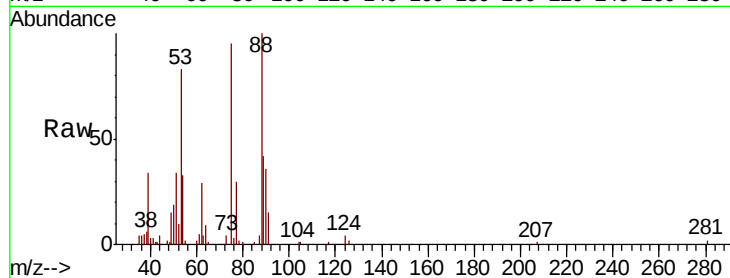
ClientSampleId :

VN0921WBS01

Tgt Ion:	75	Resp:	34787
Ion Ratio	Lower	Upper	
75	100		
53	87.2	45.5	136.4
89	43.5	21.9	65.8

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#78

4-Chlorotoluene

Concen: 17.880 ug/l

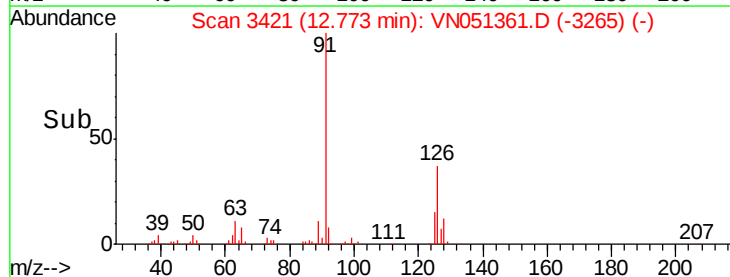
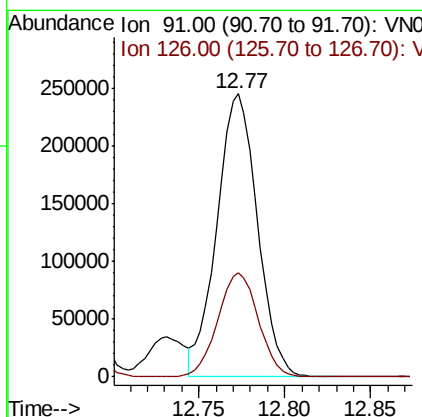
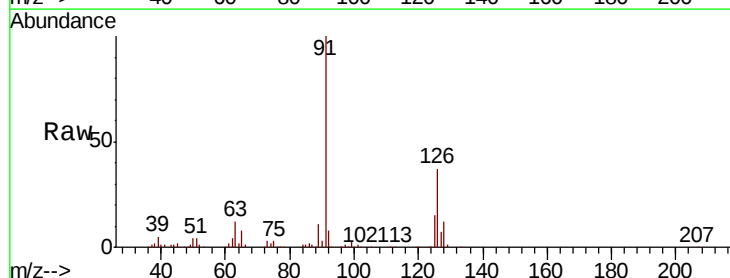
RT: 12.77 min Scan# 3421

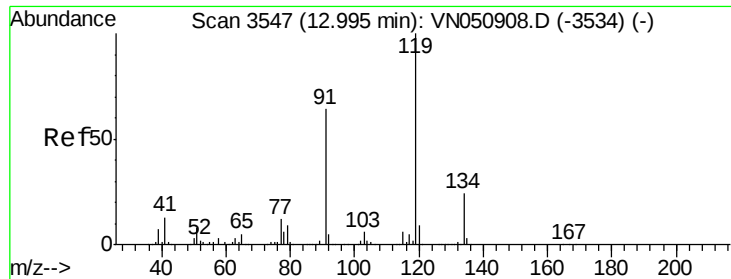
Delta R.T. 0.00 min

Lab File: VN051361.D

Acq: 21 Sep 2018 11:30

Tgt Ion:	91	Resp:	402628
Ion Ratio	Lower	Upper	
91	100		
126	36.7	0.0	69.8





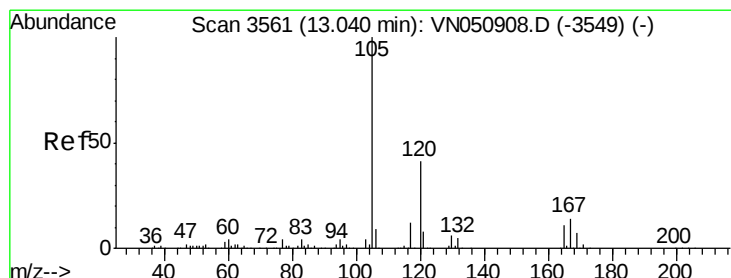
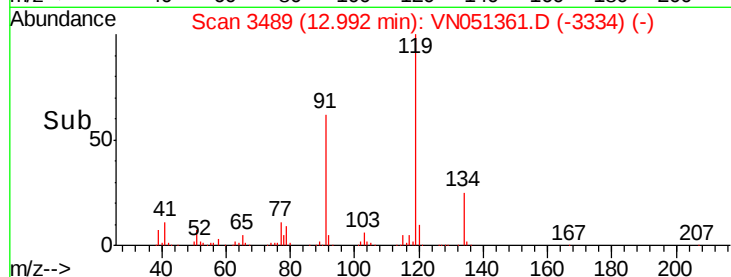
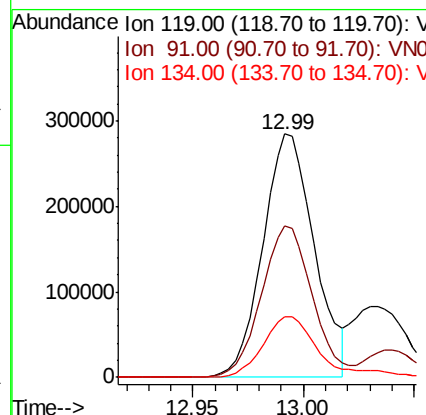
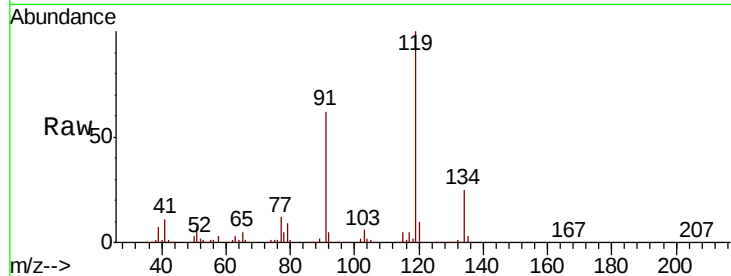
#79
tert-butylbenzene
Concen: 19.515 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	461148		
91	61.2	0.0	125.6	
134	27.5	0.0	48.4	

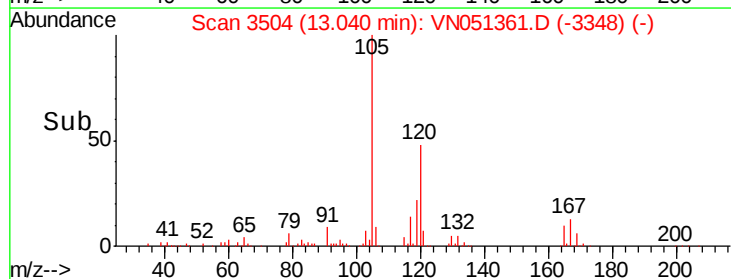
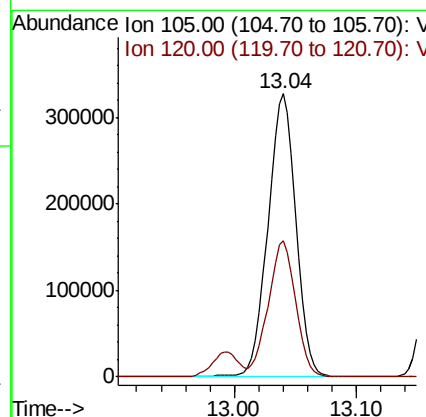
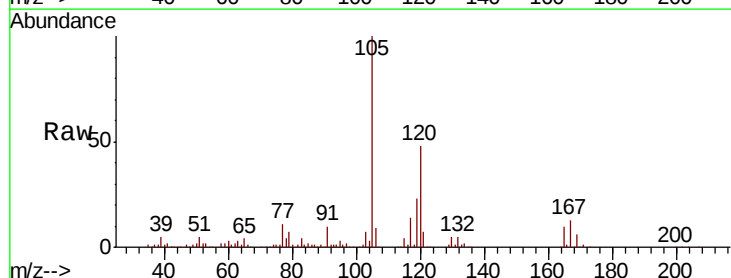
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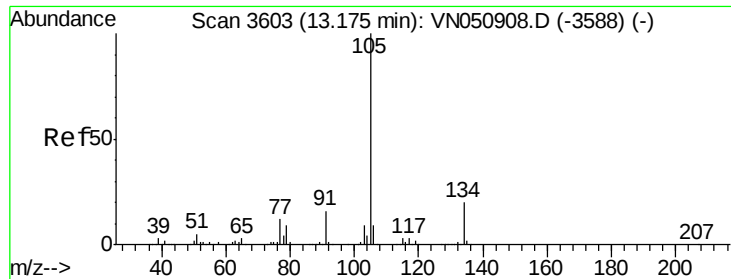
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#80
1,2,4-Trimethylbenzene
Concen: 19.299 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	523550		
120	46.9	0.0	93.6	





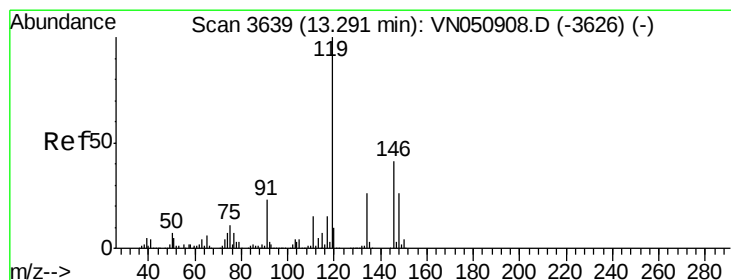
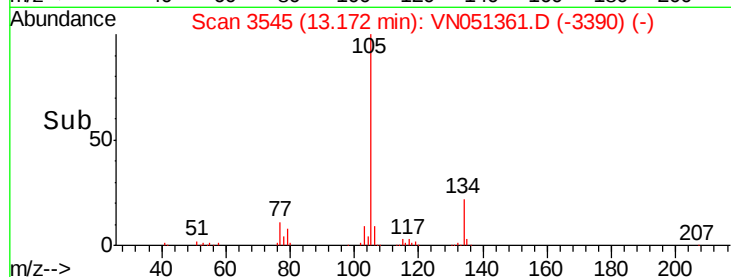
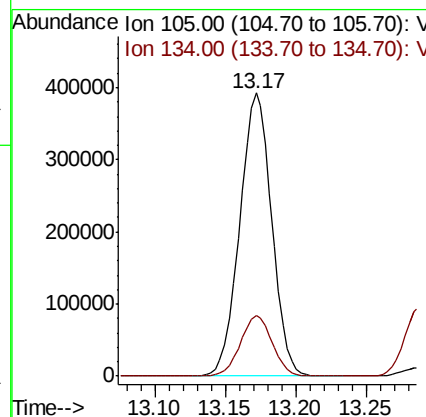
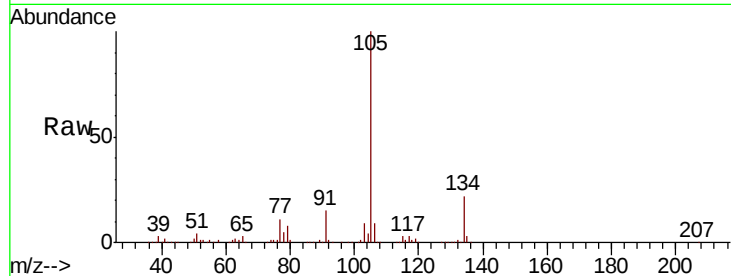
#81
 sec-Butylbenzene
 Concen: 20.083 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.4	0.0	40.8

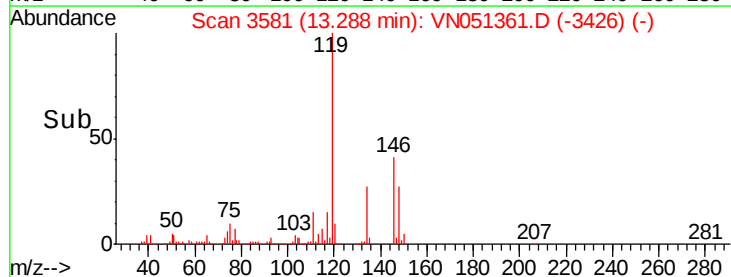
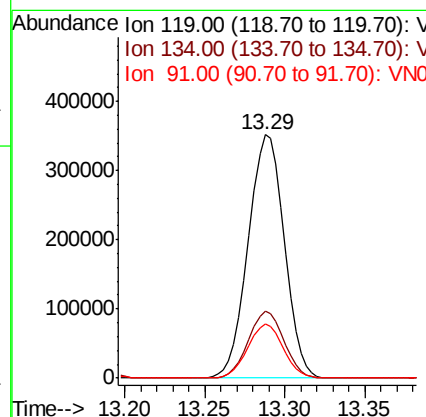
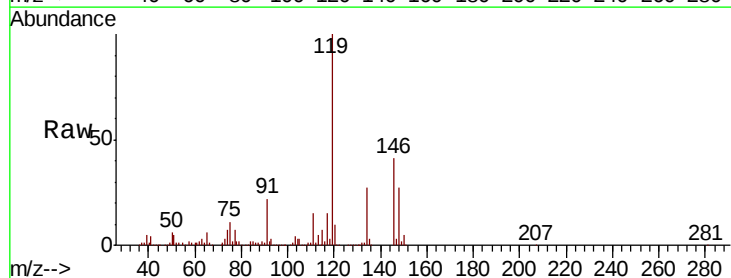
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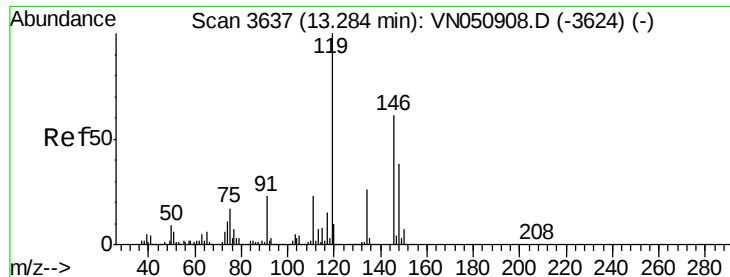
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#82
 p-Isopropyltoluene
 Concen: 20.283 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	0.0	53.2
91	22.0	0.0	46.0





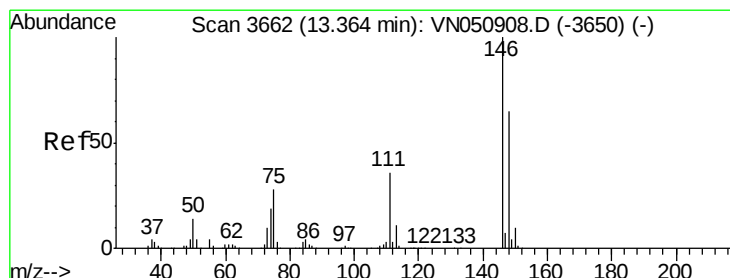
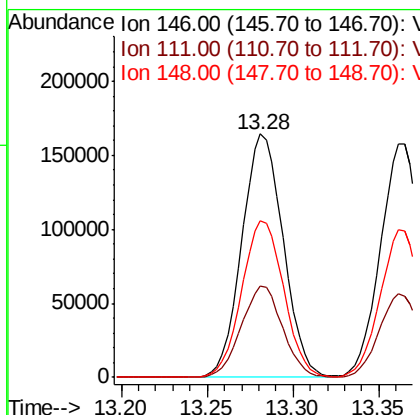
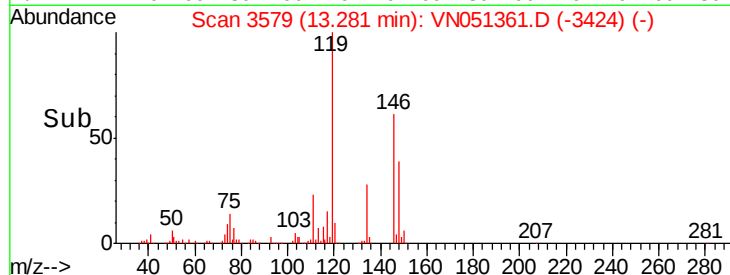
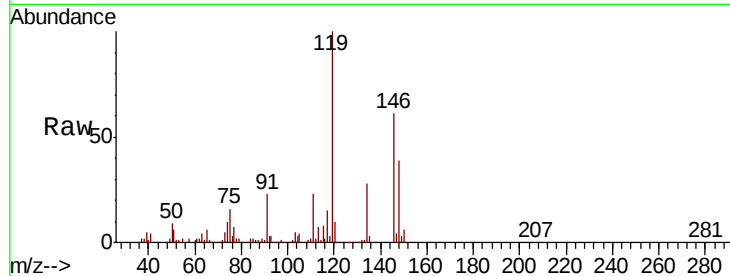
#83
 1,3-Dichlorobenzene
 Concen: 18.598 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	275453		
111	37.4	18.6	55.6	
148	65.2	31.8	95.3	

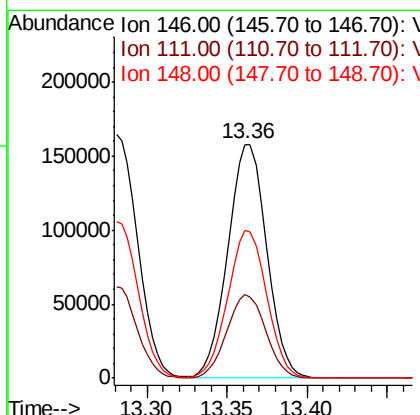
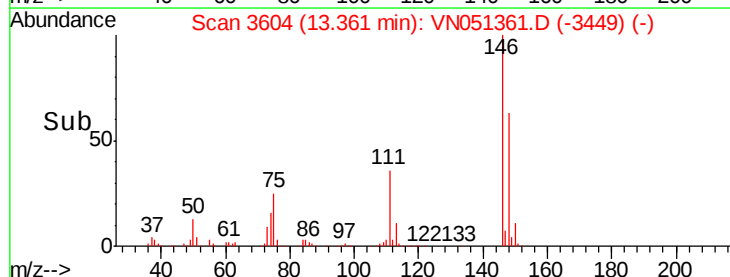
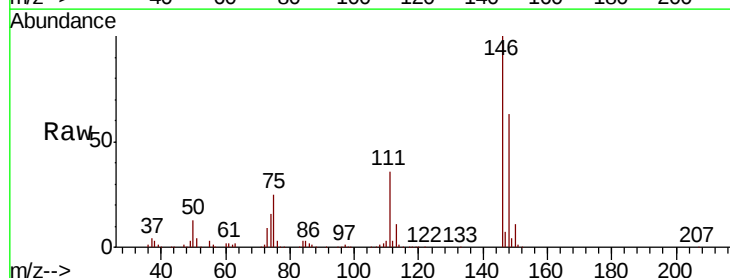
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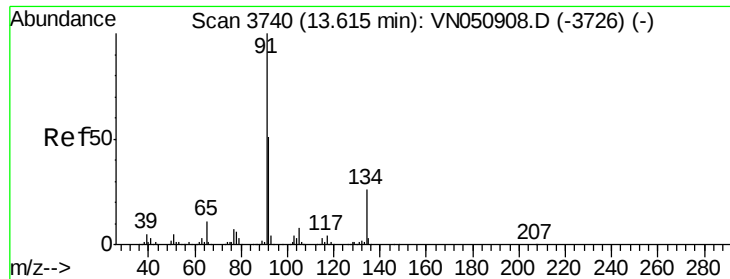
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#84
 1,4-Dichlorobenzene
 Concen: 18.677 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	262103		
111	35.8	17.7	53.1	
148	63.3	31.6	94.8	





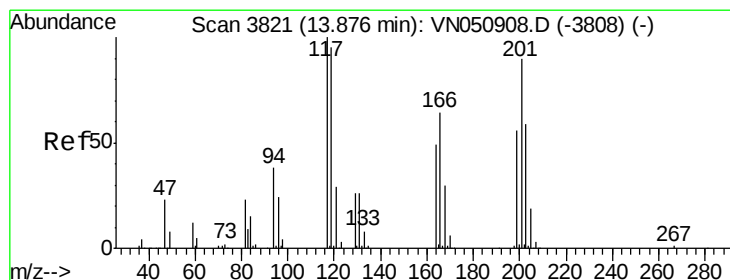
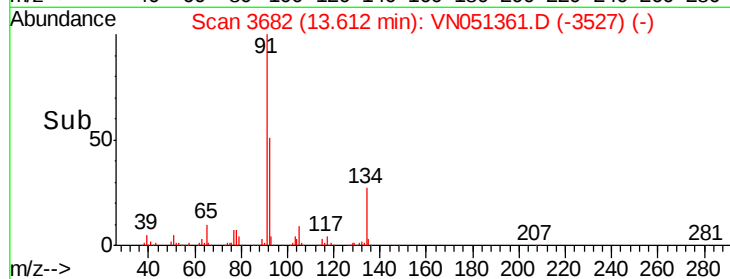
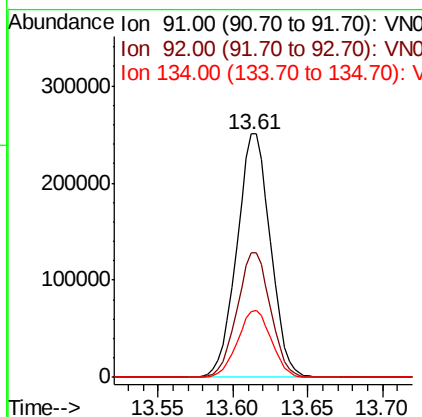
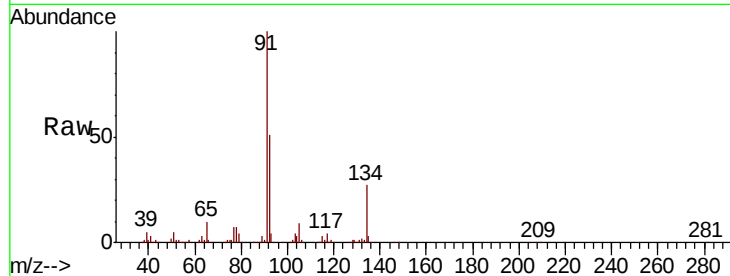
#85
n-Butylbenzene
Concen: 19.216 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.1	0.0	101.8
134	27.6	0.0	52.2

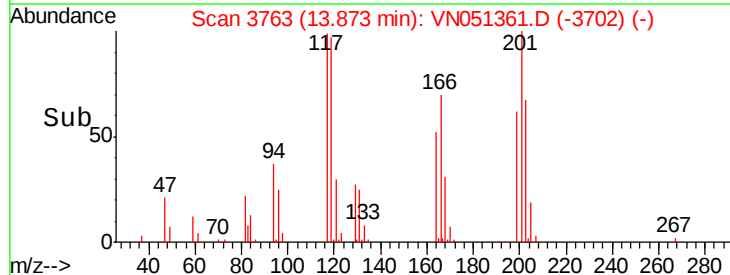
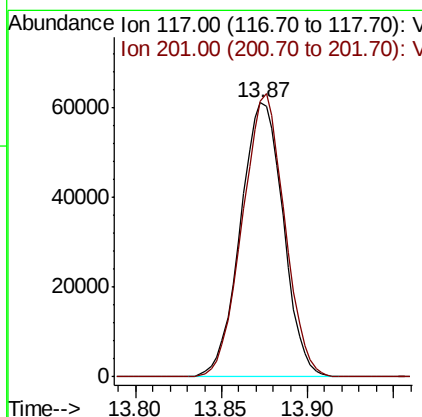
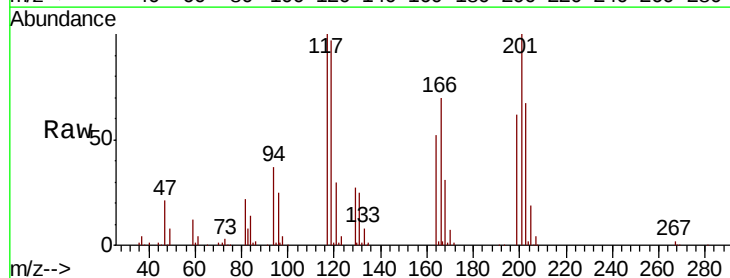
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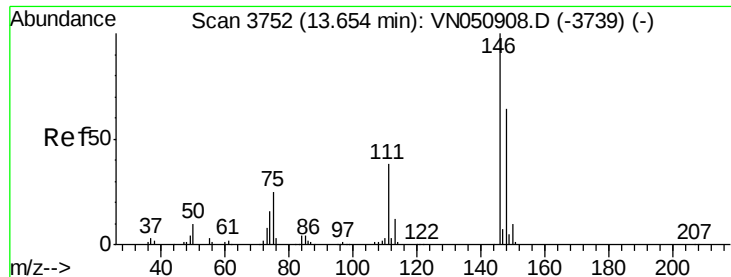
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#86
Hexachloroethane
Concen: 20.635 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	101.3	45.8	137.4





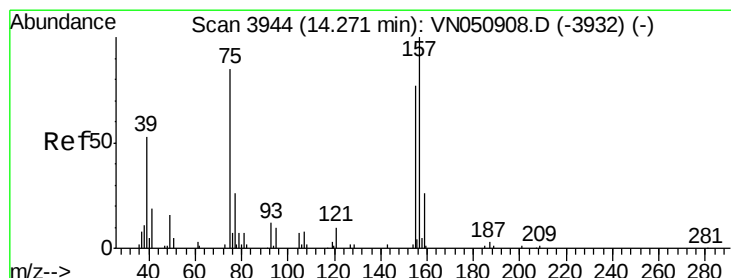
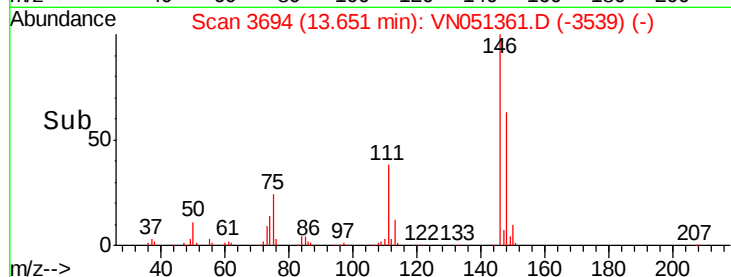
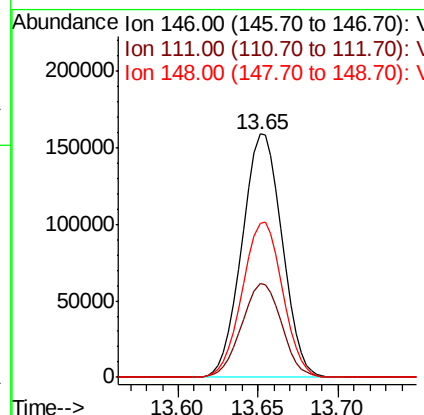
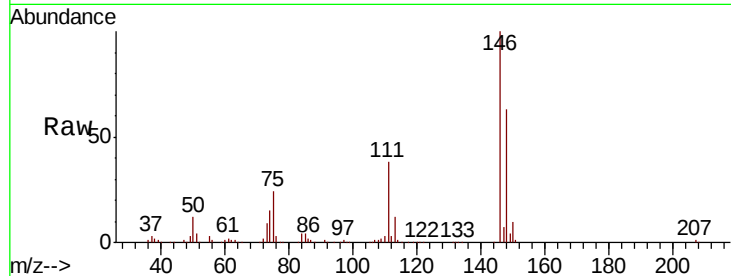
#87
 1,2-Dichlorobenzene
 Concen: 18.626 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.1	57.1
148	64.1	31.9	95.9

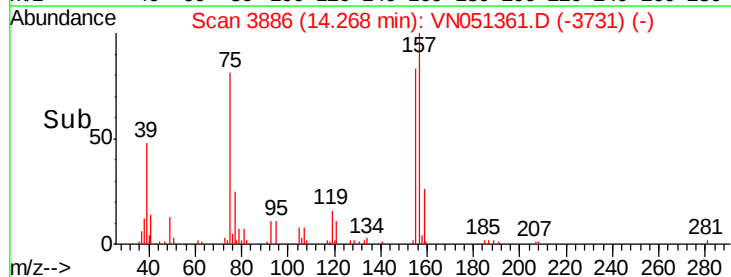
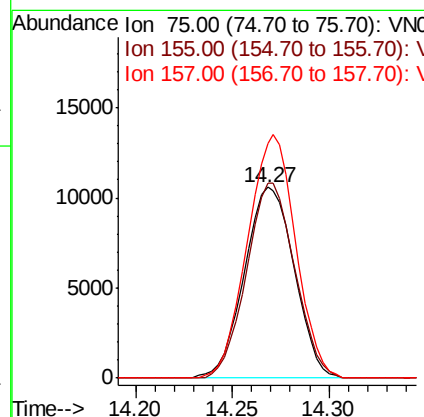
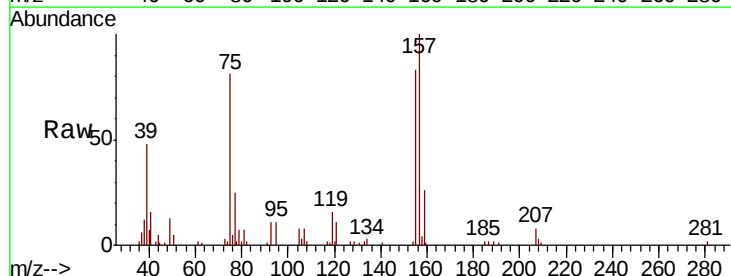
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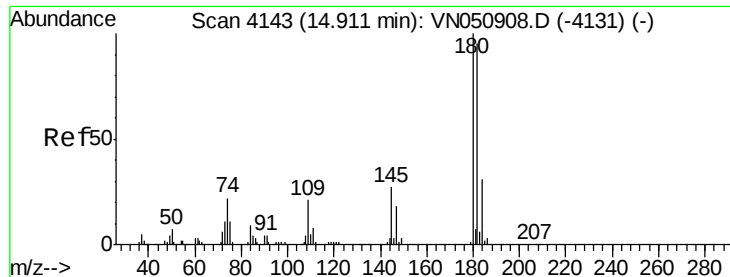
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 15.065 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.6	71.8	107.6
157	123.1	91.1	136.7





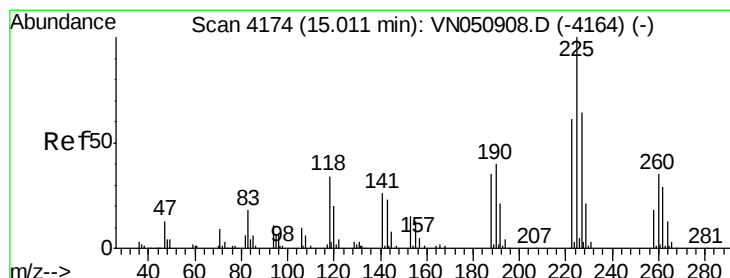
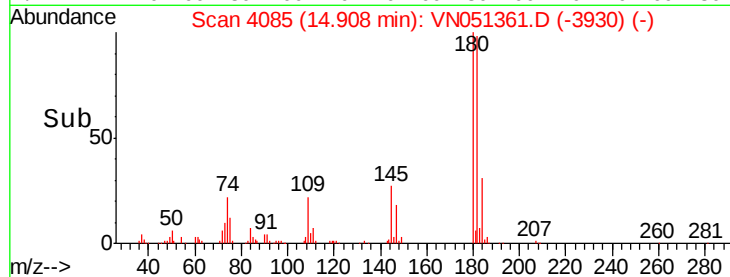
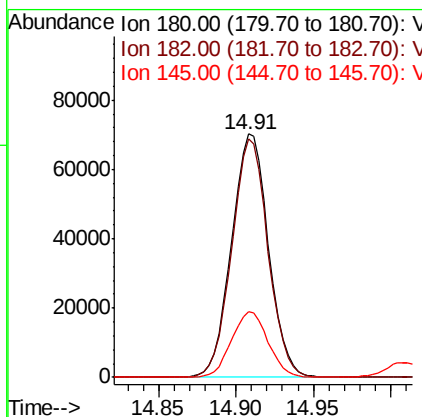
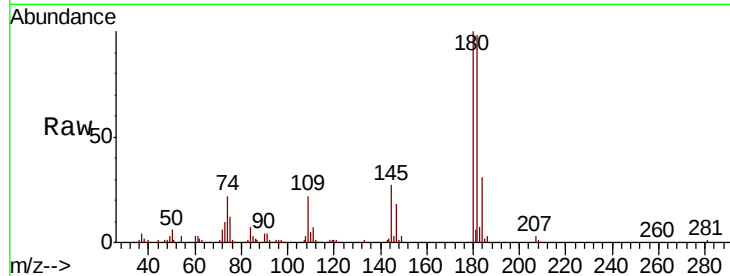
#89
 1,2,4-Trichlorobenzene
 Concen: 17.870 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	115976		
182	96.0	76.2	114.4	
145	26.7	22.2	33.4	

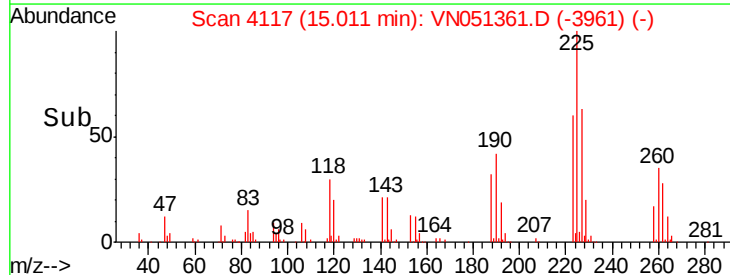
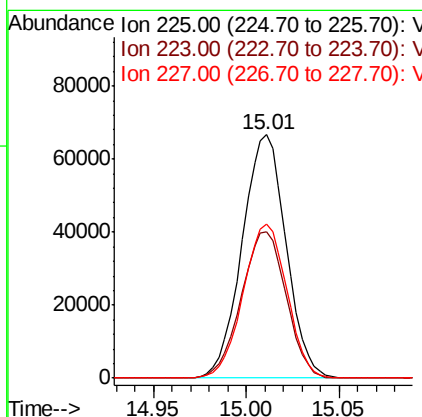
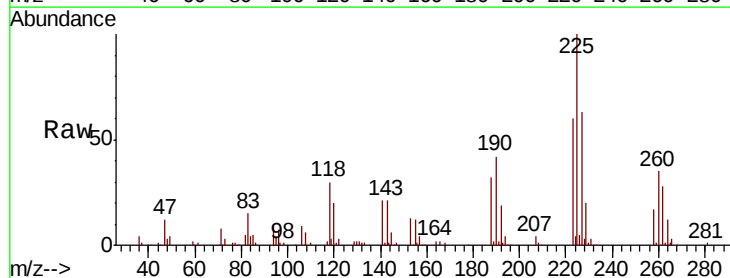
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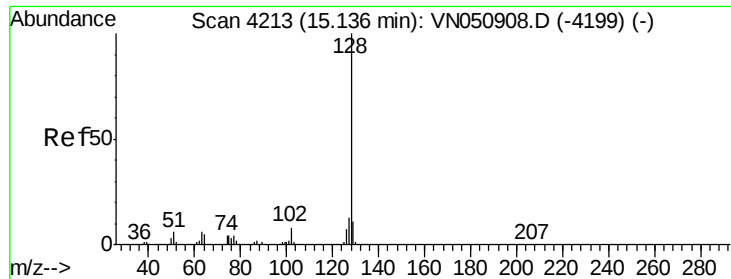
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#90
 Hexachlorobutadiene
 Concen: 24.878 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051361.D
 Acq: 21 Sep 2018 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	109697		
223	61.2	0.0	127.8	
227	62.6	0.0	128.4	





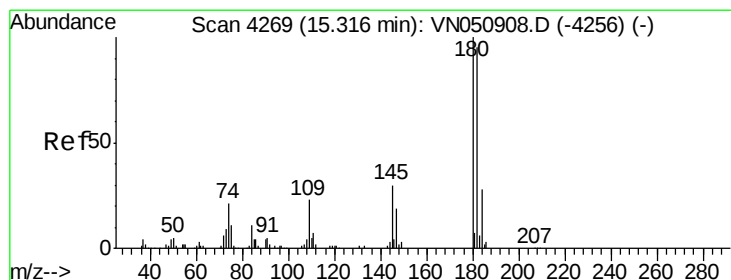
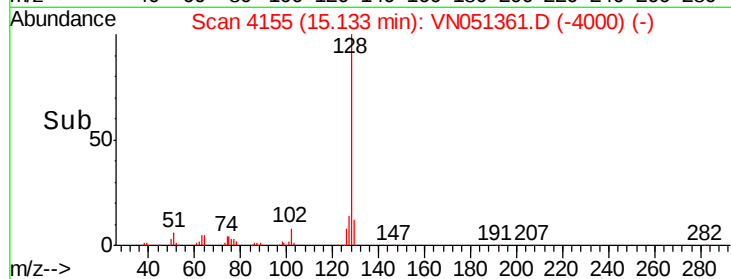
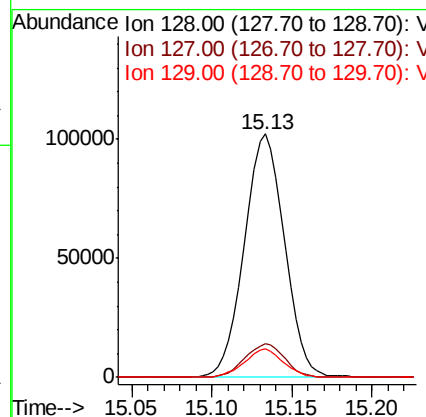
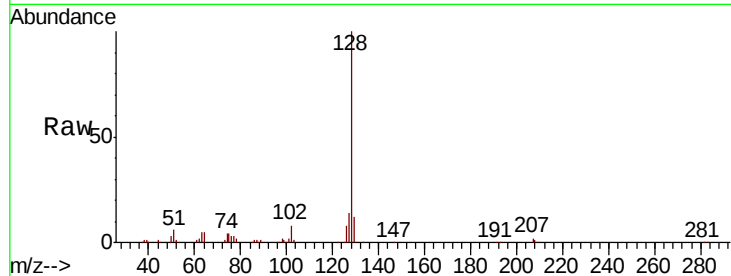
#91
Naphthalene
Concen: 17.222 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	175378		
127	13.8	10.6	16.0	
129	11.2	8.7	13.1	

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#92
1,2,3-Trichlorobenzene
Concen: 18.362 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN051361.D
Acq: 21 Sep 2018 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	119583		
182	94.0	0.0	192.8	
145	28.7	0.0	60.0	

