

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042719\
 Data File : VN055272.D
 Acq On : 26 Apr 2019 13:34
 Operator : JC/SP
 Sample : VN0427WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0427WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/29/2019 10:57:02 AM

Quant Time: Apr 27 03:08:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	379242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	623293	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	538925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	196592	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	273541	53.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.58%	
35) Dibromofluoromethane	7.59	113	211852	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
50) Toluene-d8	10.09	98	775101	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.40	95	241280	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	106361	21.782	ug/l	100
3) Chloromethane	2.06	50	124319	20.778	ug/l	99
4) Vinyl Chloride	2.19	62	98465	20.537	ug/l	98
5) Bromomethane	2.56	94	54367	19.554	ug/l	99
6) Chloroethane	2.70	64	51731	20.472	ug/l	100
7) Trichlorofluoromethane	3.02	101	142298	21.810	ug/l	99
8) Diethyl Ether	3.41	74	50796	21.813	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	82005	20.142	ug/l	99
10) Methyl Iodide	3.95	142	119727	20.971	ug/l	99
11) Tert butyl alcohol	4.80	59	36036	120.248	ug/l #	83
12) 1,1-Dichloroethene	3.74	96	81415	20.866	ug/l	99
13) Acrolein	3.61	56	43262	102.148	ug/l	99
14) Allyl chloride	4.33	41	166081	21.532	ug/l	99
15) Acrylonitrile	4.99	53	191534	116.539	ug/l	99
16) Acetone	3.82	43	149931	88.355	ug/l	98
17) Carbon Disulfide	4.06	76	210642	19.311	ug/l	100
18) Methyl Acetate	4.33	43	91179	24.429	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	239104	22.165	ug/l	99
20) Methylene Chloride	4.55	84	97132	19.911	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	85480	20.892	ug/l	97
22) Diisopropyl ether	5.95	45	340853	22.169	ug/l	96
23) Vinyl Acetate	5.90	43	1193452	115.511	ug/l	99
24) 1,1-Dichloroethane	5.85	63	176334	21.322	ug/l	99
25) 2-Butanone	6.84	43	234167	106.888	ug/l	100
26) 2,2-Dichloropropane	6.83	77	112156	20.041	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	100289	21.264	ug/l	100
28) Bromochloromethane	7.20	49	93921	22.279	ug/l	97
29) Tetrahydrofuran	7.21	42	158066	117.348	ug/l	100
30) Chloroform	7.37	83	166345	21.146	ug/l	97
31) Cyclohexane	7.65	56	161412	20.069	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	134732	21.319	ug/l	99
36) 1,1-Dichloropropene	7.79	75	122453	21.167	ug/l	99
37) Ethyl Acetate	6.93	43	102490	21.952	ug/l	97
38) Carbon Tetrachloride	7.77	117	111415	20.566	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	128959	18.685	ug/l	99
40) Benzene	8.04	78	372085	20.835	ug/l	97
41) Methacrylonitrile	7.18	41	53479	21.849	ug/l	95
42) 1,2-Dichloroethane	8.13	62	132546	21.275	ug/l	99
43) Isopropyl Acetate	8.17	43	167138	22.107	ug/l #	89
44) Trichloroethene	8.84	130	92202	20.427	ug/l	99
45) 1,2-Dichloropropane	9.12	63	105748	20.978	ug/l	93
46) Dibromomethane	9.21	93	60019	20.799	ug/l	97
47) Bromodichloromethane	9.40	83	124156	21.492	ug/l	96
48) Methyl methacrylate	9.20	41	79728	21.740	ug/l	95
49) 1,4-Dioxane	9.20	88	18697	441.474	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	485423	111.580	ug/l	100
52) Toluene	10.16	92	216975	20.725	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	111002	20.938	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	137423	20.888	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	83039	21.514	ug/l	99
56) Ethyl methacrylate	10.43	69	104915	21.820	ug/l	99
57) 1,3-Dichloropropane	10.71	76	144578	21.530	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	133946	80.317	ug/l	100
59) 2-Hexanone	10.75	43	304274	110.728	ug/l	100
60) Dibromochloromethane	10.90	129	83456	20.992	ug/l	98
61) 1,2-Dibromoethane	11.00	107	78008	21.497	ug/l	100
64) Tetrachloroethene	10.63	164	88170	20.055	ug/l	98
65) Chlorobenzene	11.43	112	220938	20.085	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	83825	20.561	ug/l	99
67) Ethyl Benzene	11.51	91	401294	20.480	ug/l	100
68) m/p-Xylenes	11.62	106	287358	40.889	ug/l	100
69) o-Xylene	11.95	106	139294	19.972	ug/l	96
70) Styrene	11.96	104	225449	20.854	ug/l	99
71) Bromoform	12.13	173	48693	20.014	ug/l #	96
73) Isopropylbenzene	12.25	105	376510	22.599	ug/l	100
74) N-amyl acetate	12.07	43	113305	22.355	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	102473	24.380	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	87142m	21.849	ug/l	
77) Bromobenzene	12.53	156	89016	20.510	ug/l	98
78) n-propylbenzene	12.59	91	396837	20.128	ug/l	100
79) 2-Chlorotoluene	12.67	91	247723	19.898	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	299345	20.340	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	21505	20.440	ug/l	97
82) 4-Chlorotoluene	12.77	91	233447	20.381	ug/l	99
83) tert-Butylbenzene	12.99	119	256798	21.990	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	278461	20.050	ug/l	99
85) sec-Butylbenzene	13.17	105	321477	19.309	ug/l	98
86) p-Isopropyltoluene	13.29	119	269575	19.653	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	131731	19.772	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	128382	19.792	ug/l	98
89) n-Butylbenzene	13.61	91	187113	18.404	ug/l	97
90) Hexachloroethane	13.87	117	45319	18.629	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	132956	19.429	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.26	75	12886	21.586	ug/l	91

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VN0427WBS01

Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:52:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	39038	15.502	ug/l	100
94) Hexachlorobutadiene	15.01	225	42551	19.968	ug/l	97
95) Naphthalene	15.13	128	88395	16.429	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	43311	16.567	ug/l	99

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

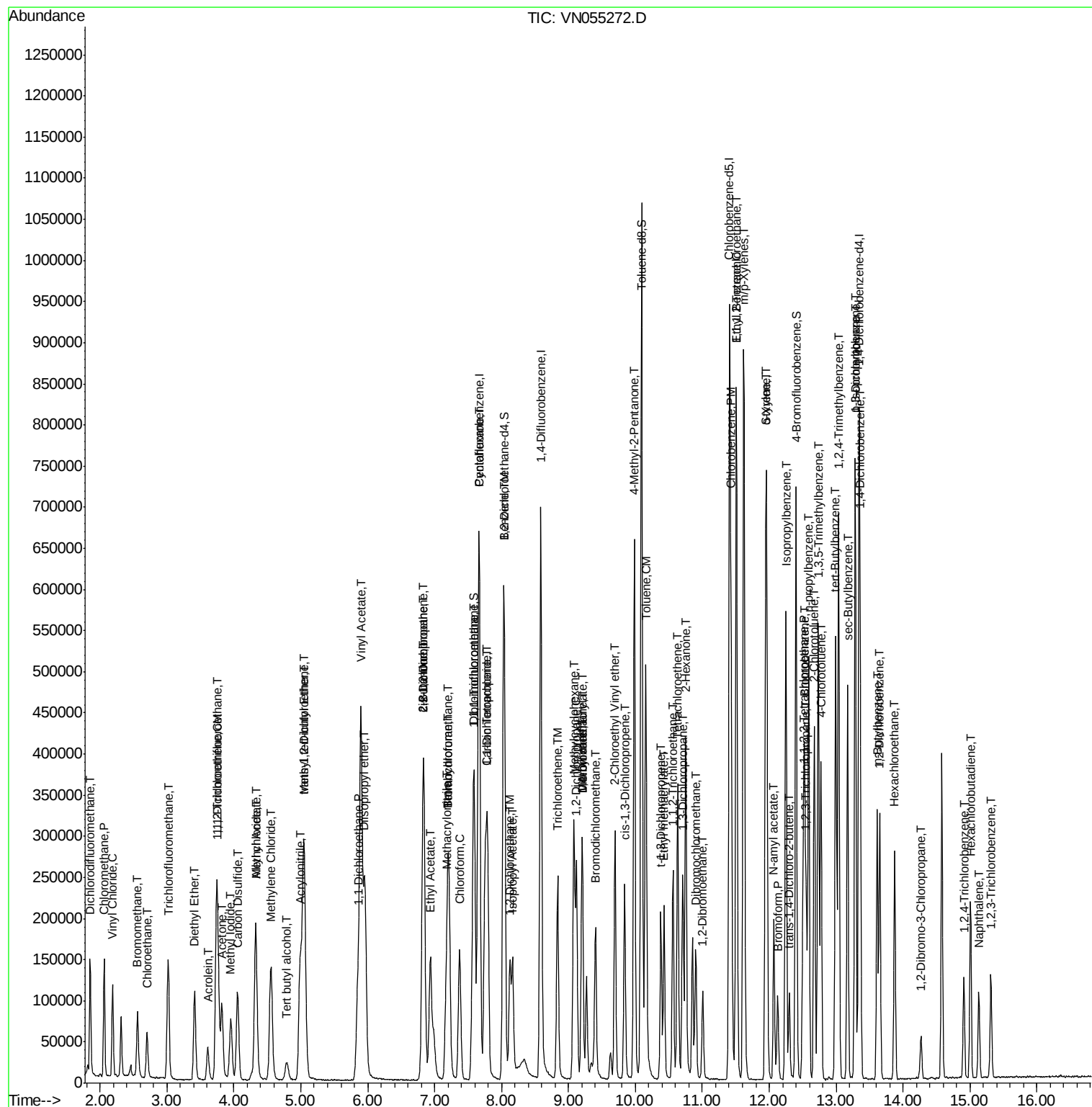
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 Data File : VN055272.D
 Acq On : 26 Apr 2019 13:34
 Operator : JC/SP
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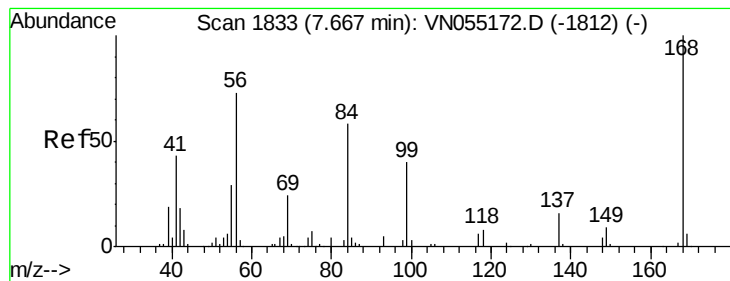
Instrument :
 MSVOA_N
 ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBS01

Tot Ion:168 Resp: 379242

Ion Ratio Lower Upper

168 100

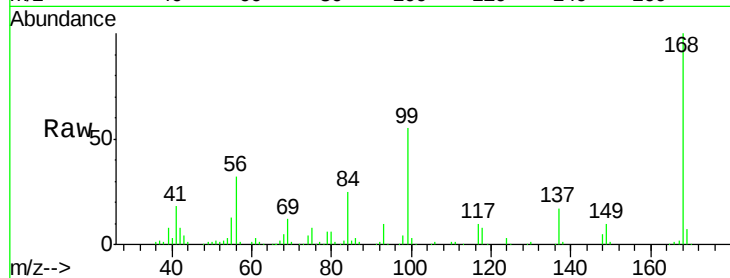
99 54.3 42.0 63.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

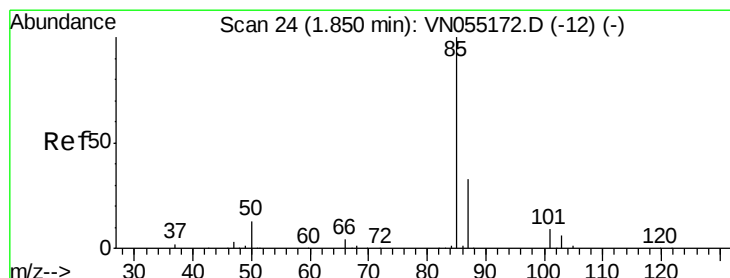
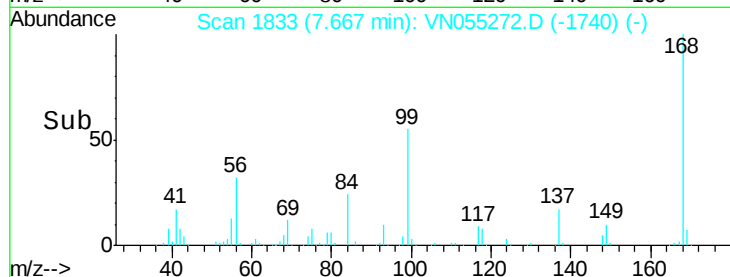
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.782 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN055272.D

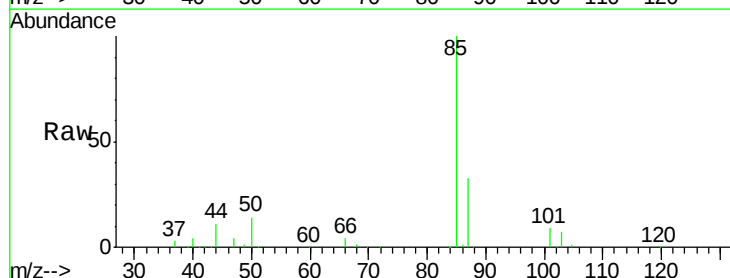
Acq: 26 Apr 2019 13:34

Tgt Ion: 85 Resp: 106361

Ion Ratio Lower Upper

85 100

87 32.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

80000

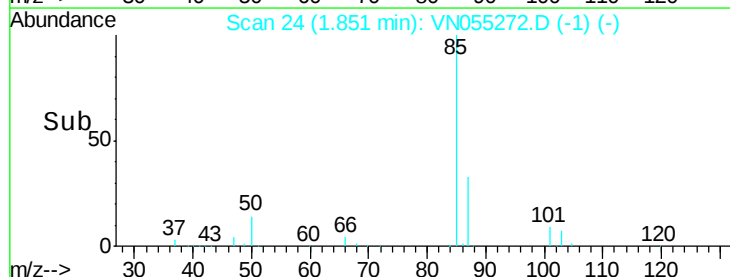
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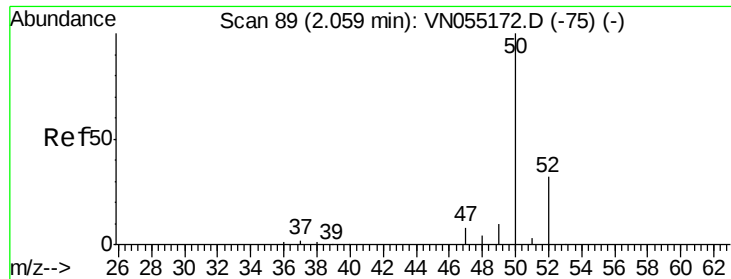
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Time-->





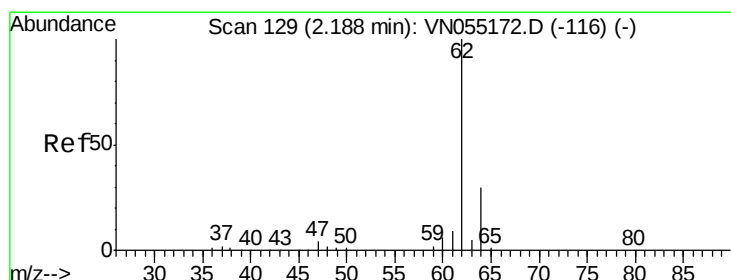
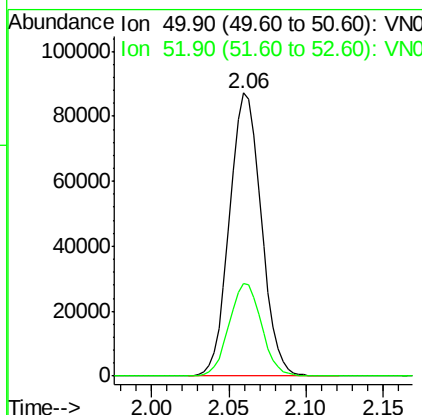
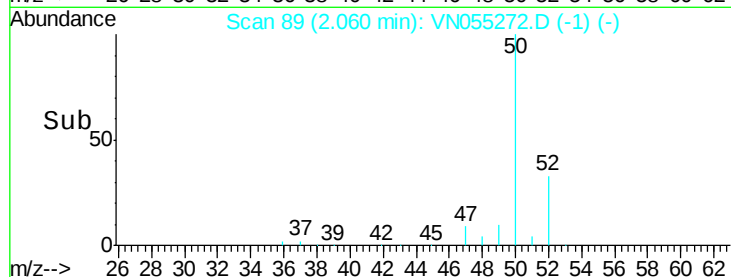
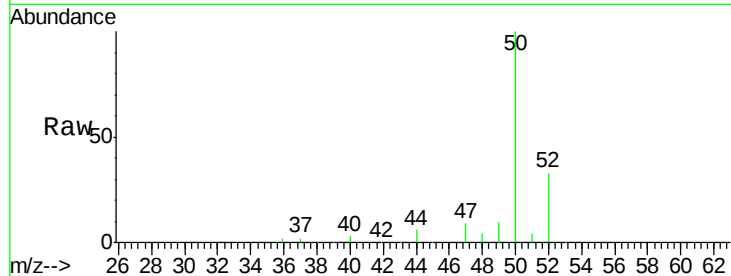
#3
Chloromethane
Concen: 20.778 ug/l
RT: 2.06 min Scan# 89
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.9	25.8	38.6

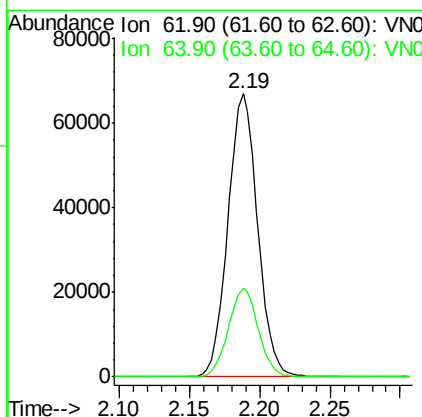
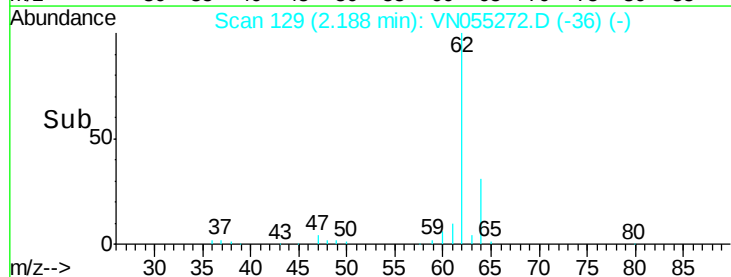
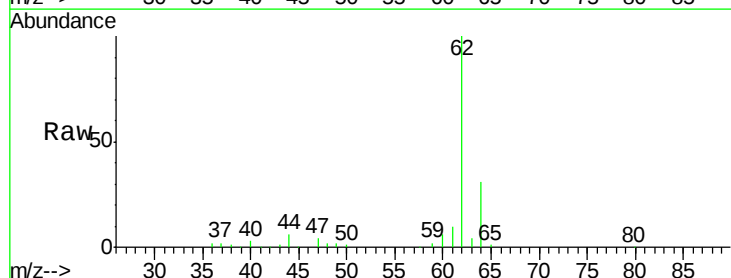
Manual Integrations
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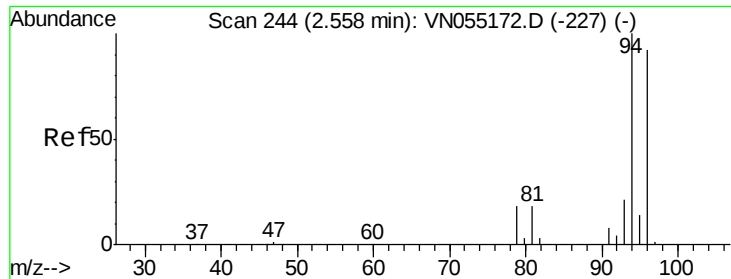
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#4
Vinyl Chloride
Concen: 20.537 ug/l
RT: 2.19 min Scan# 129
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.3	24.2	36.4





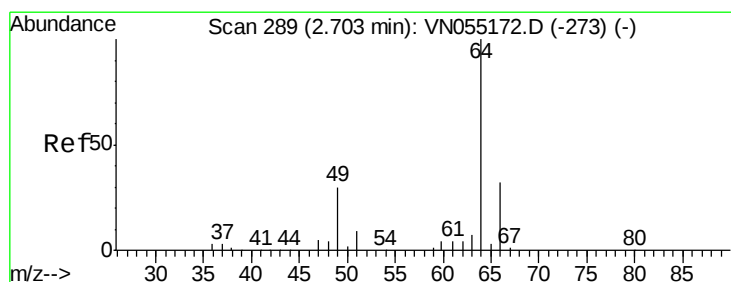
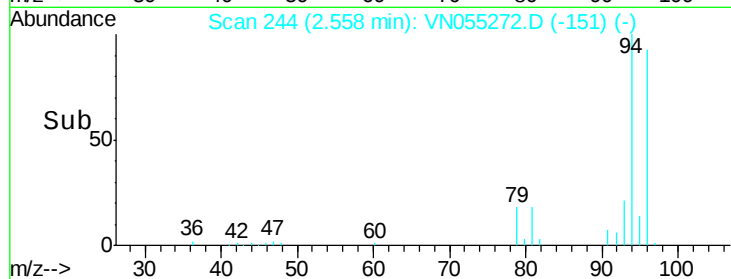
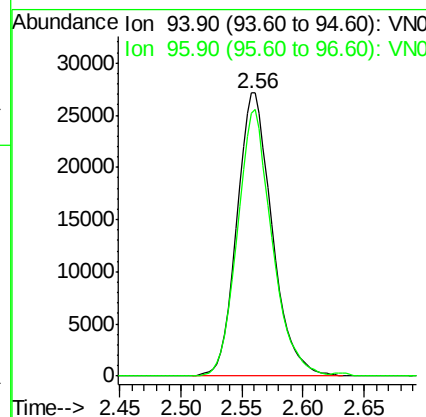
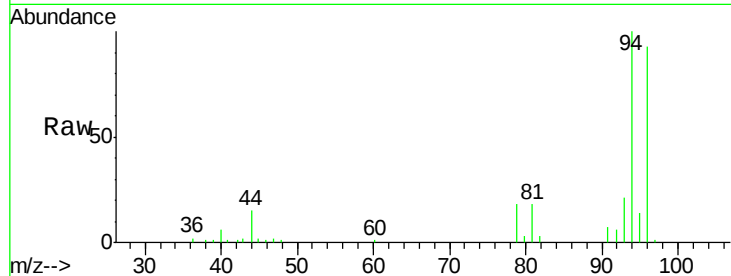
#5
Bromomethane
Concen: 19.554 ug/l
RT: 2.56 min Scan# 244
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Instrument :
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ClientSampleId :
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Tot Ion	94	96	Ratio	100	92.9	Resp	54367	Lower	Upper
Ion	94	96	Ratio	100	92.9	Resp	54367	Lower	Upper
								73.4	110.2

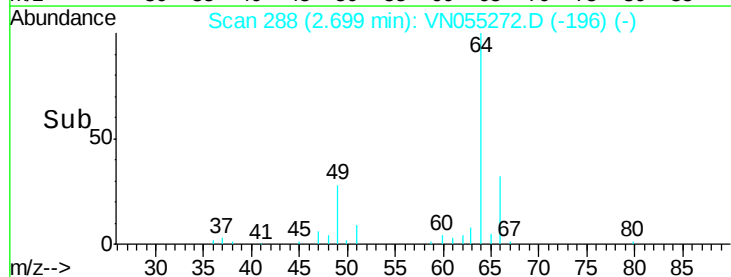
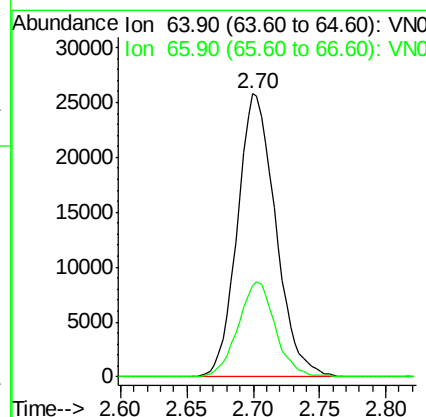
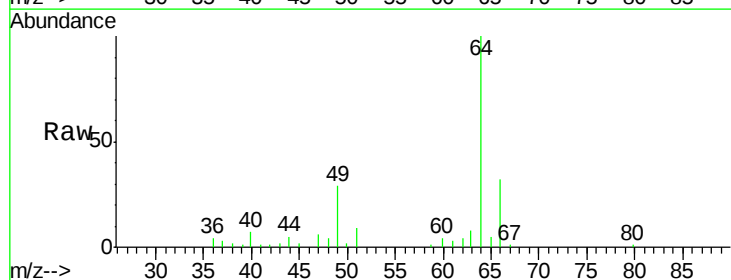
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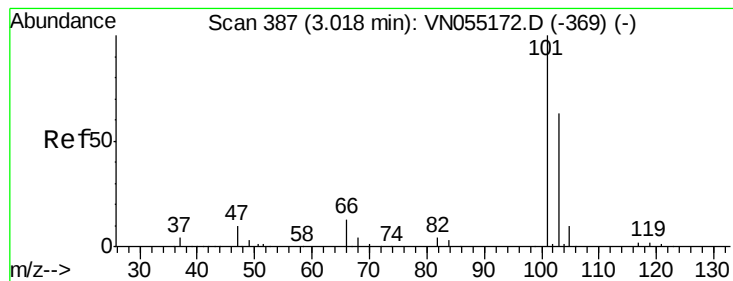
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#6
Chloroethane
Concen: 20.472 ug/l
RT: 2.70 min Scan# 288
Delta R.T. -0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion	64	66	Ratio	100	32.5	Resp	51731	Lower	Upper
Ion	64	66	Ratio	100	32.5	Resp	51731	Lower	Upper
								25.9	38.9





#7

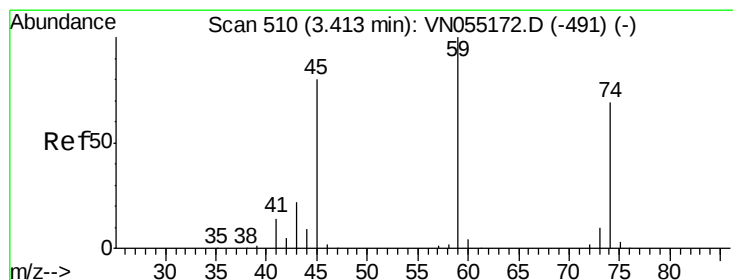
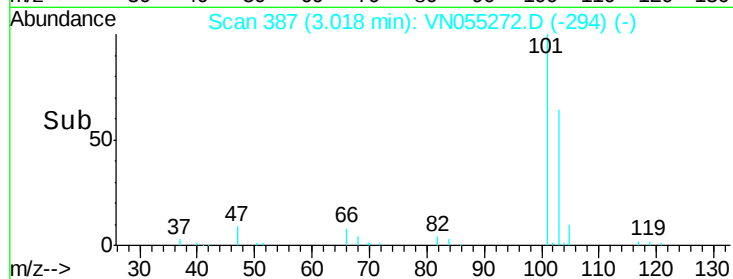
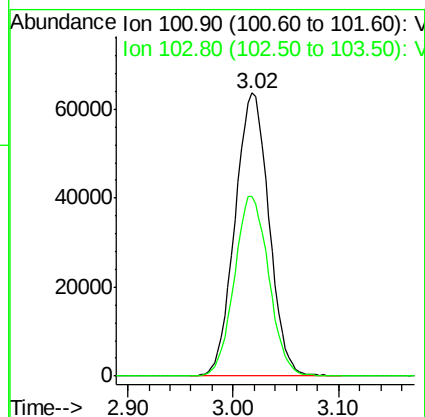
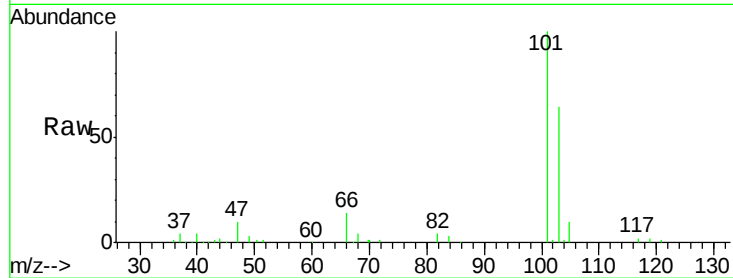
Trichlorofluoromethane
Concen: 21.810 ug/l
RT: 3.02 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Instrument :
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ClientSampleId :
VN0427WBS01

Tot Ion:101 Resp: 142298
Ion Ratio Lower Upper
101 100
103 63.6 50.1 75.1

Manual Integrations
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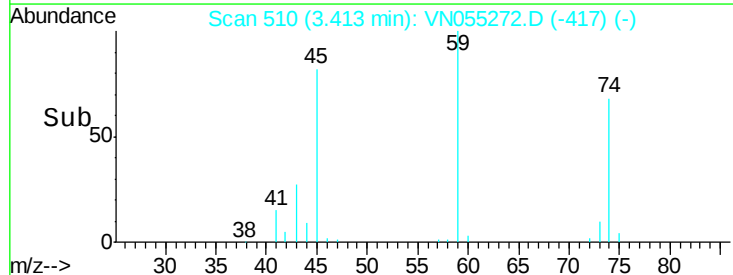
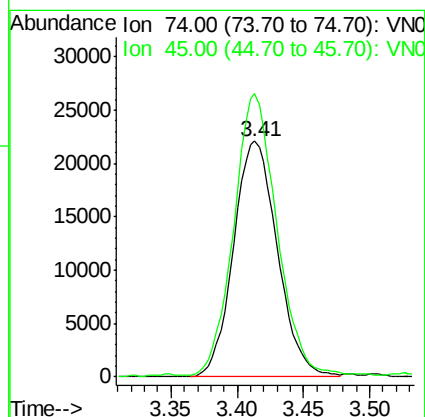
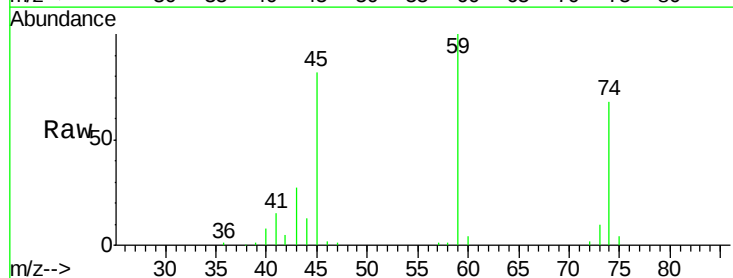
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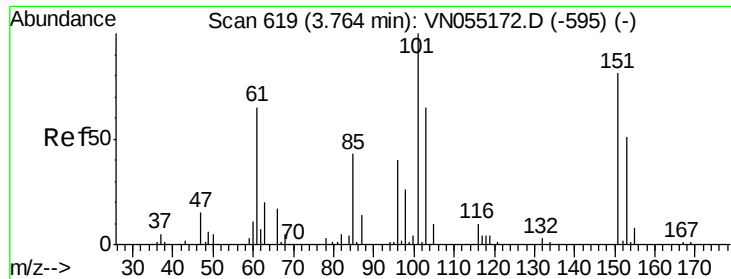


#8

Diethyl Ether
Concen: 21.813 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion: 74 Resp: 50796
Ion Ratio Lower Upper
74 100
45 117.8 56.9 170.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.142 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

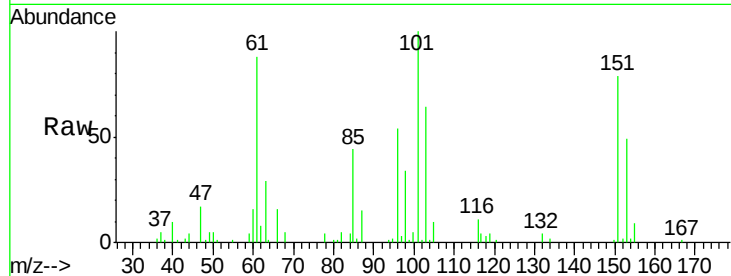
ClientSampleId :

VN0427WBS01

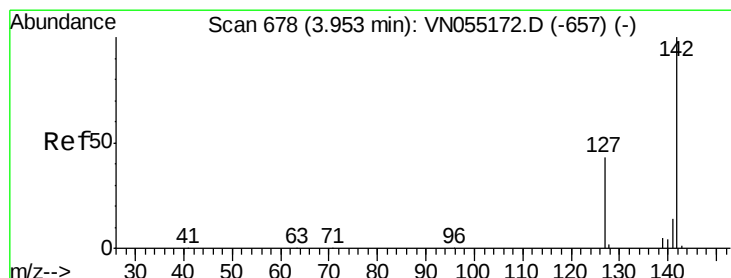
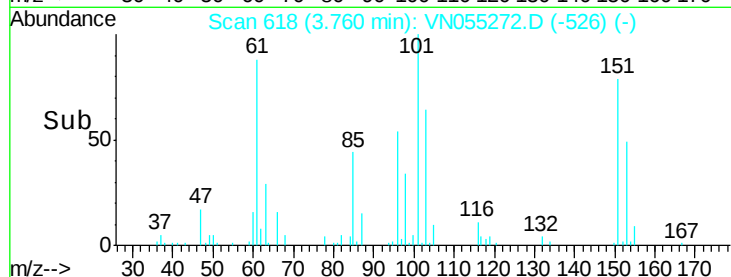
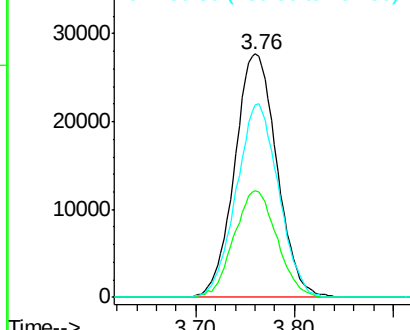
Tot Ion:	101	Resp:	82005
Ion Ratio	Lower	Upper	
101	100		
85	44.6	34.9	52.3
151	79.8	63.8	95.8

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.971 ug/l

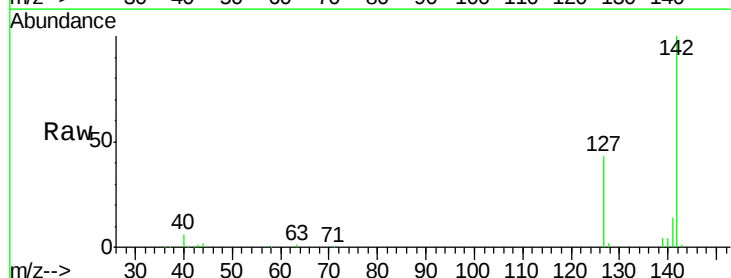
RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

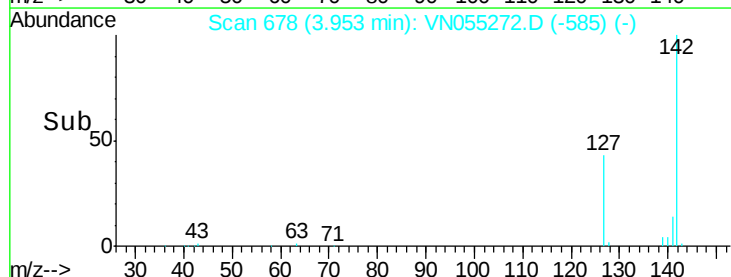
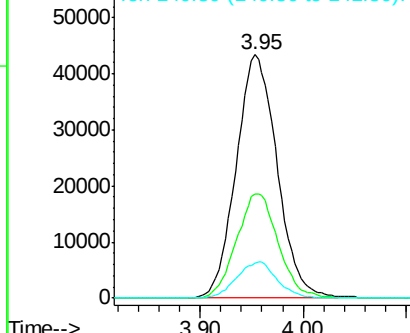
Lab File: VN055272.D

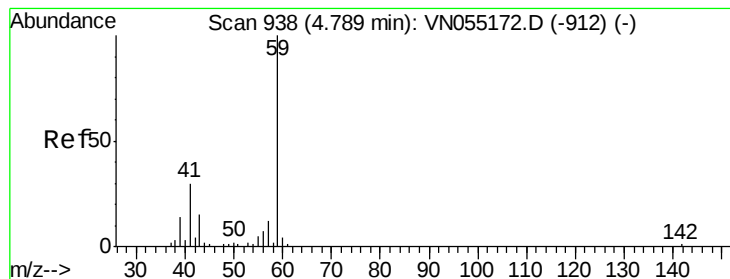
Acq: 26 Apr 2019 13:34

Tgt Ion:	142	Resp:	119727
Ion Ratio	Lower	Upper	
142	100		
127	43.5	34.1	51.1
141	14.6	11.4	17.2



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

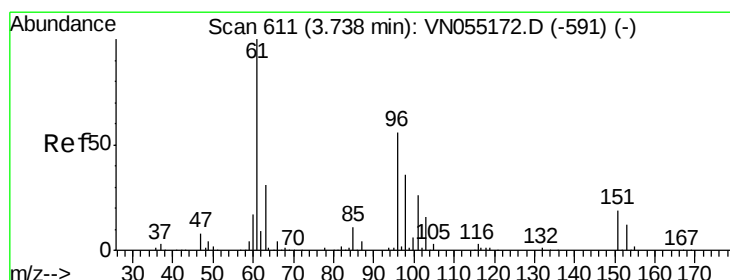
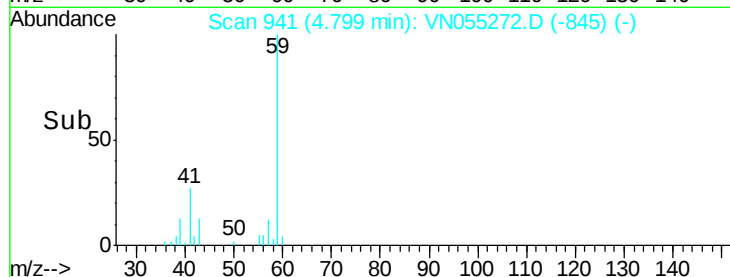
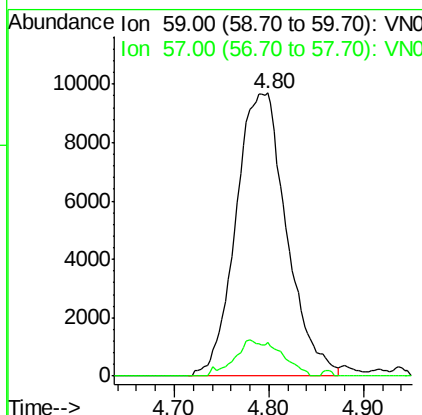
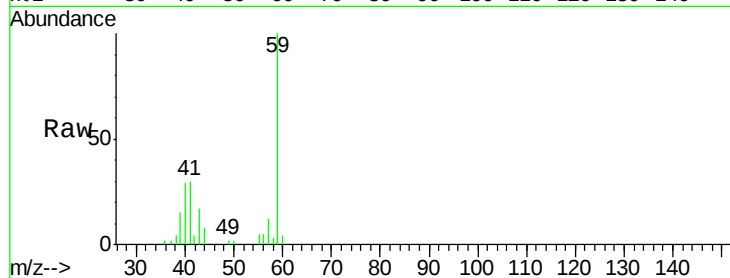
Tert butyl alcohol
Concen: 120.248 ug/l
RT: 4.80 min Scan# 941
Delta R.T. 0.01 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	4.5	8.8	13.2#

Manual Integrations
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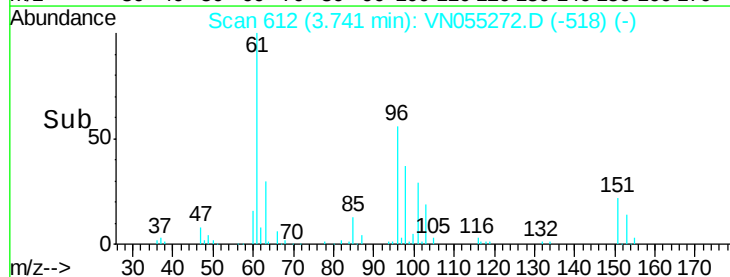
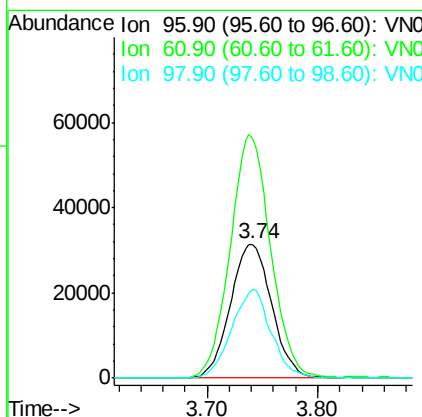
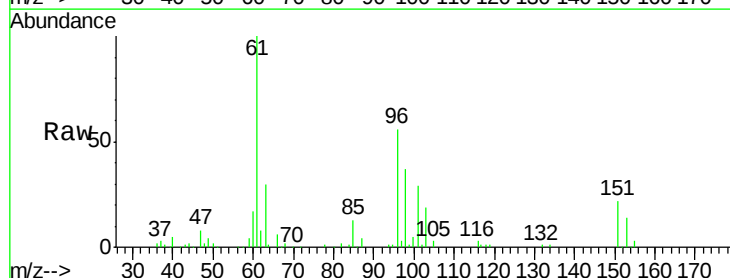
MMDadoda
4/29/2019 10:57:02 AM

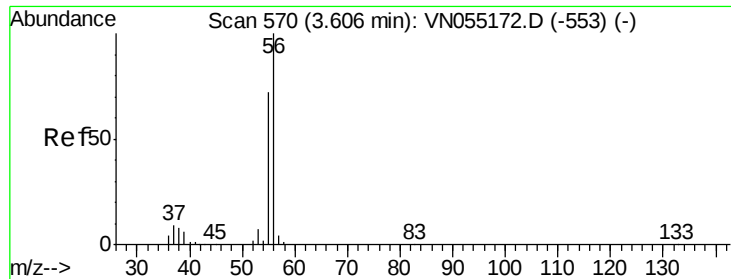


#12

1,1-Dichloroethene
Concen: 20.866 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	178.5	142.1	213.1
98	98	66.0	51.2	76.8





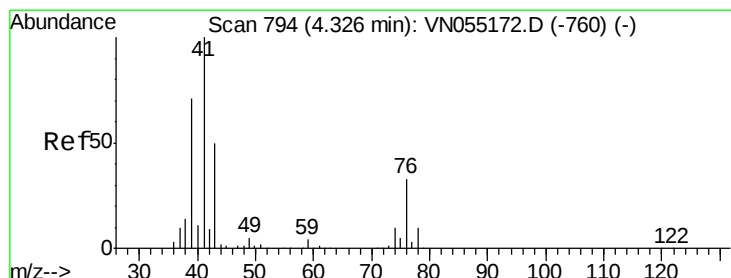
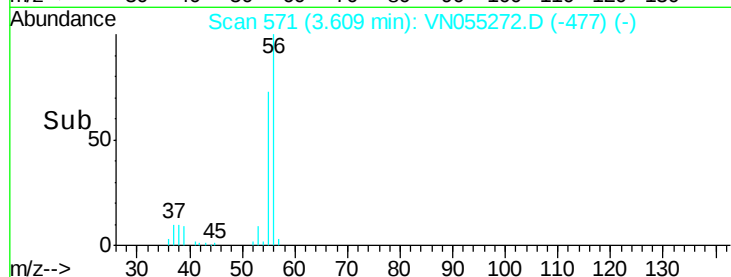
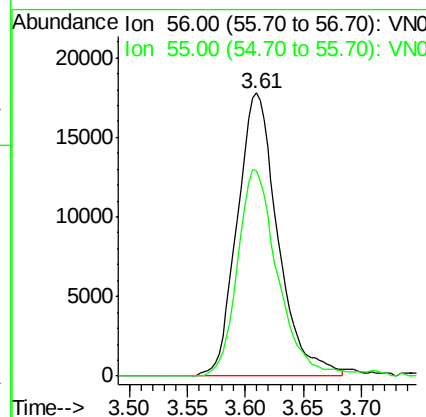
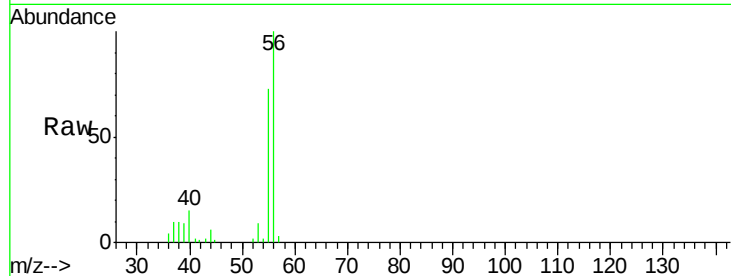
#13
Acrolein
Concen: 102.148 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

Tot Ion	56	Resp	43262
Ion Ratio	100	Lower	Upper
56	100		
55	70.8	57.4	86.0

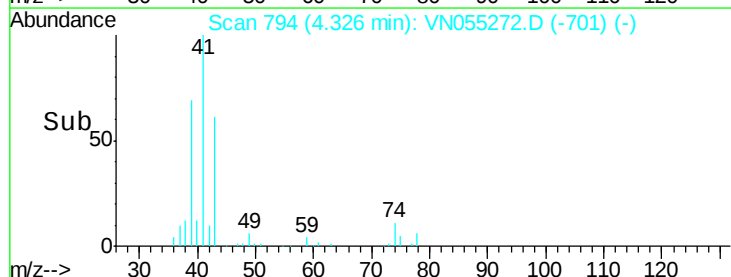
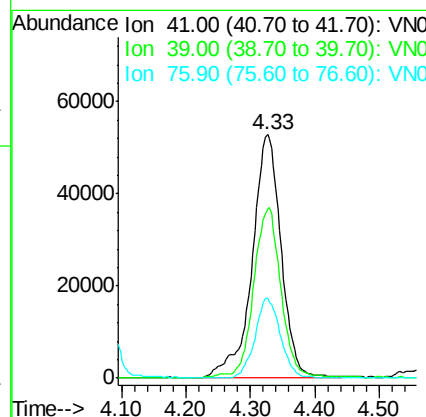
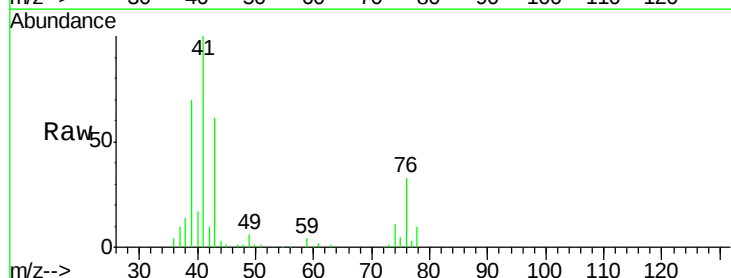
Manual Integrations
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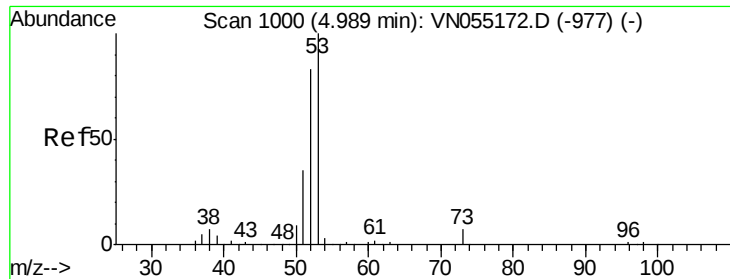
MMDadoda
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#14
Allyl chloride
Concen: 21.532 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion	41	Resp	166081
Ion Ratio	100	Lower	Upper
41	100		
39	65.6	52.9	79.3
76	28.7	23.6	35.4





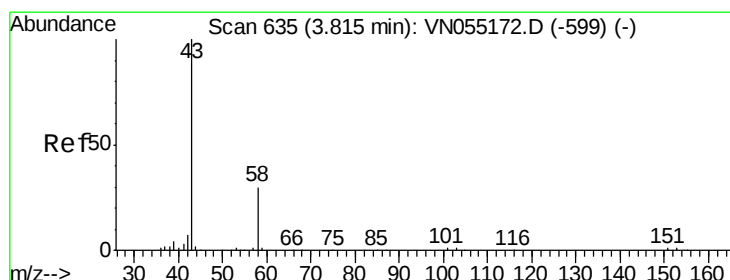
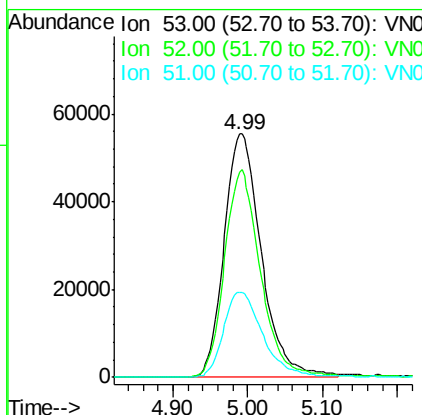
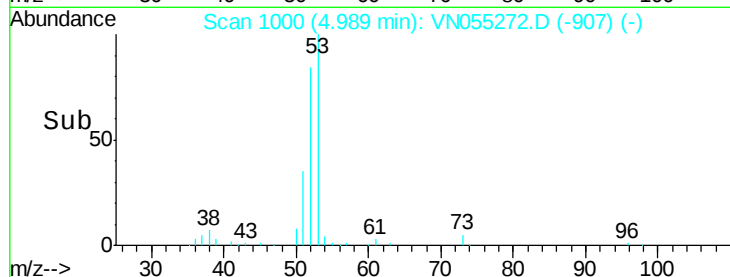
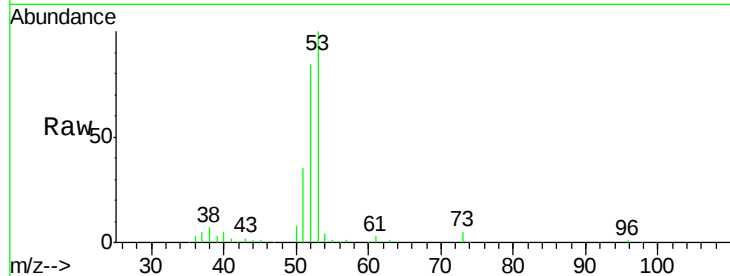
#15
 Acrylonitrile
 Concen: 116.539 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VN055272.D
 Acq: 26 Apr 2019 13:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0427WBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.8	98.8
51	36.8	28.9	43.3

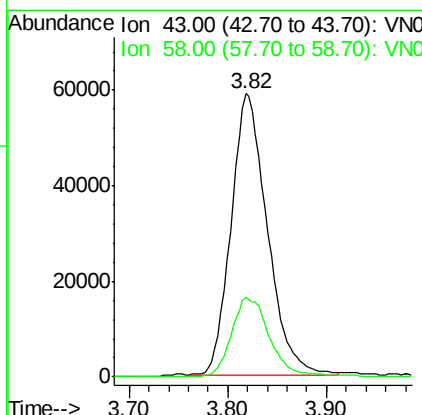
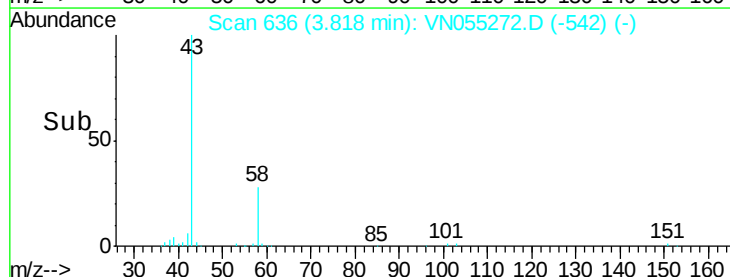
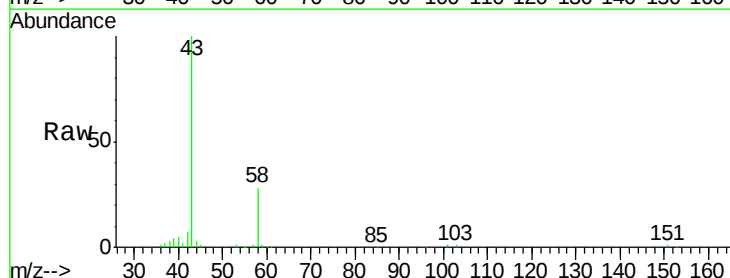
Manual Integrations
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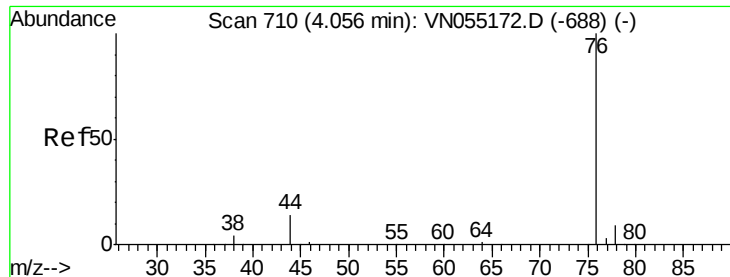
MMDadoda
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#16
 Acetone
 Concen: 88.355 ug/l
 RT: 3.82 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: VN055272.D
 Acq: 26 Apr 2019 13:34

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.6	23.8	35.8





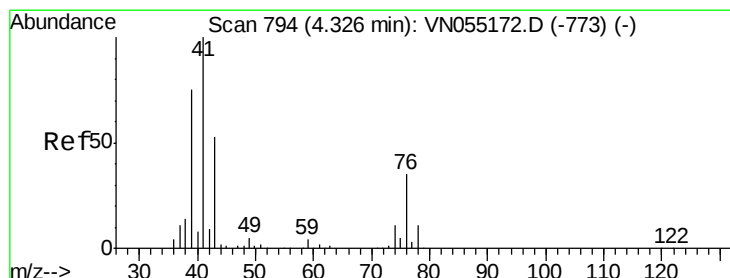
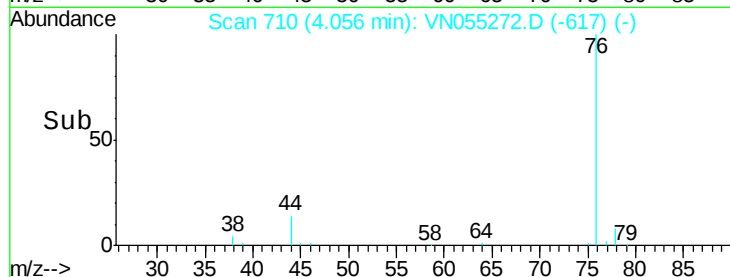
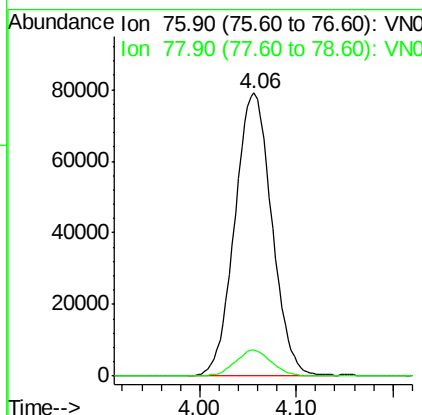
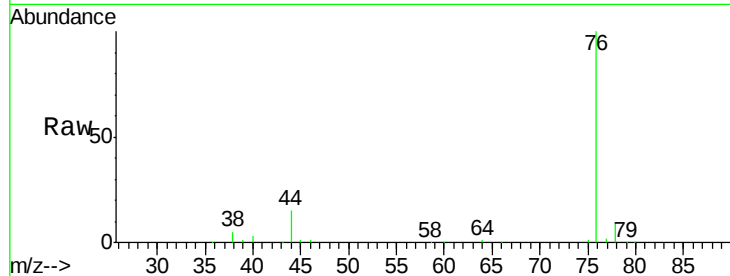
#17
Carbon Disulfide
Concen: 19.311 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

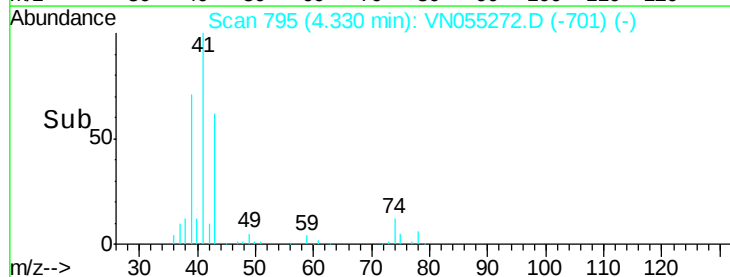
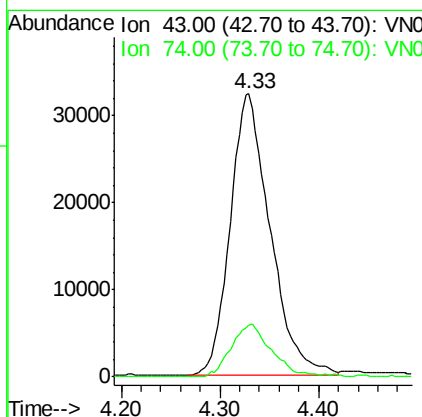
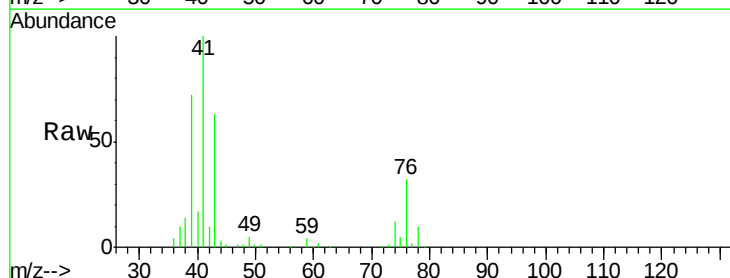
Manual Integrations
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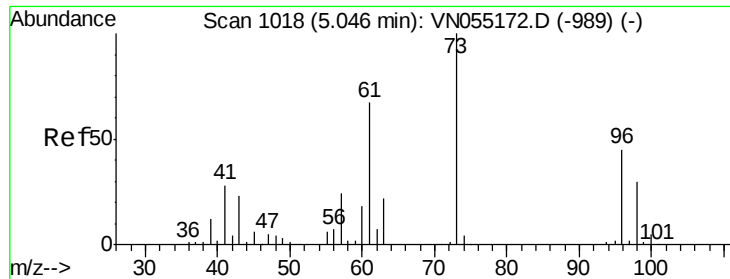
MMDadoda
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#18
Methyl Acetate
Concen: 24.429 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion	Ratio	Lower	Upper
43	100		
74	18.9	16.7	25.1





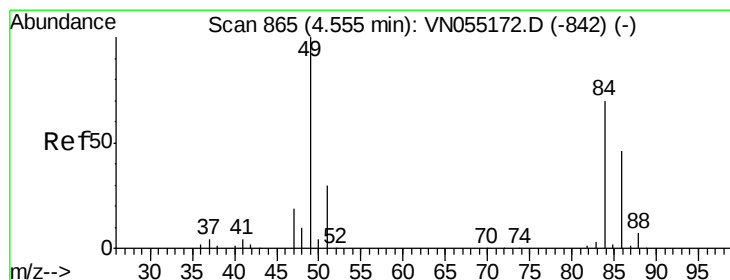
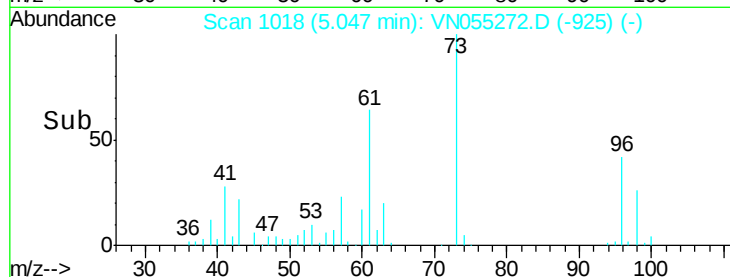
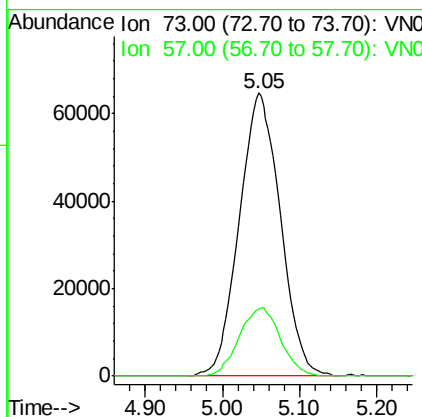
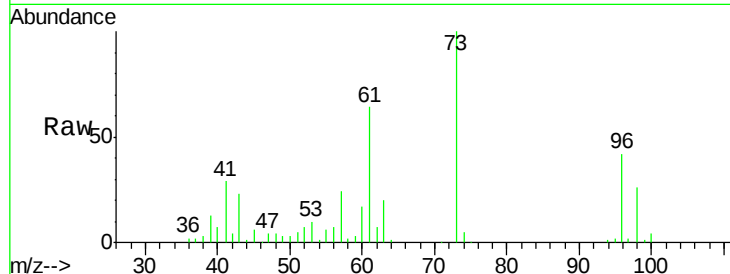
#19
Methvl tert-butvl Ether
Concen: 22.165 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

Tot Ion: 73 Resp: 239104
Ion Ratio Lower Upper
73 100
57 23.8 19.5 29.3

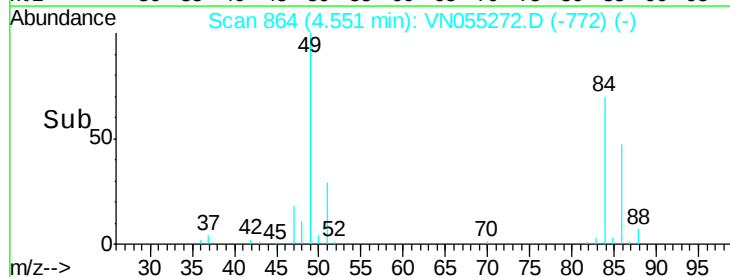
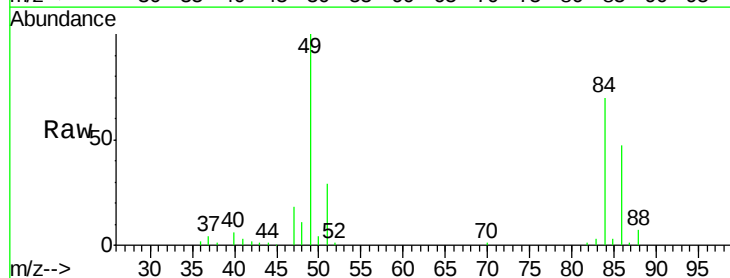
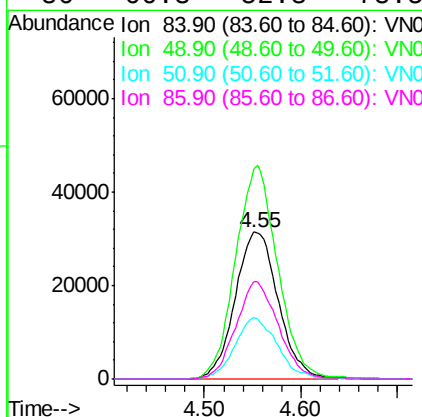
Manual Integrations
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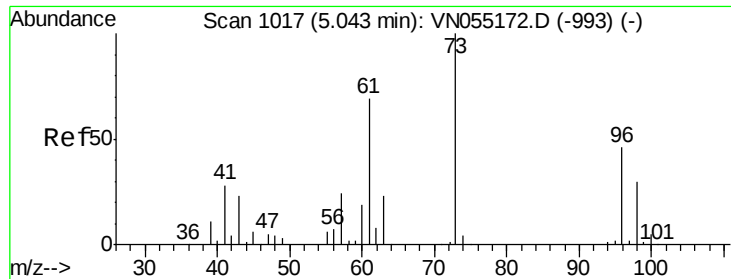
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#20
Methylene Chloride
Concen: 19.911 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion: 84 Resp: 97132
Ion Ratio Lower Upper
84 100
49 142.6 113.8 170.6
51 41.6 34.0 51.0
86 66.3 52.3 78.5





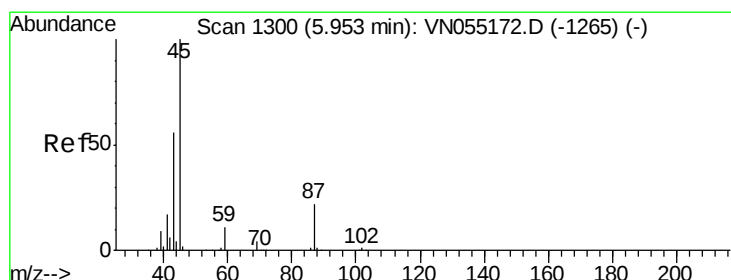
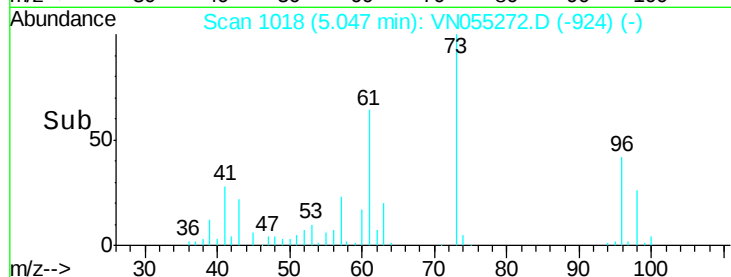
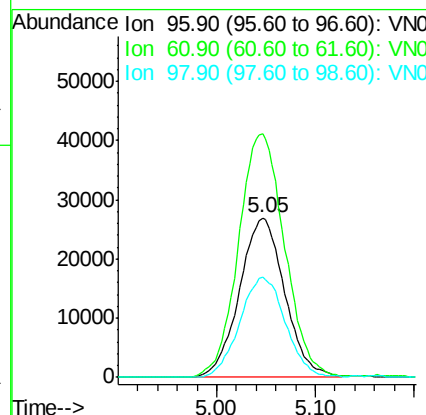
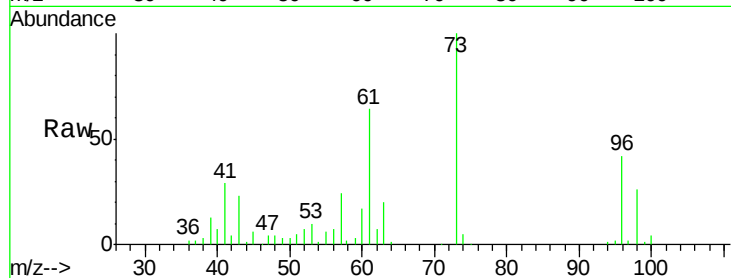
#21
trans-1,2-Dichloroethene
Concen: 20.892 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Instrument :
MSVOA_N
ClientSampled :
VN0427WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.9	119.3	178.9
98	63.0	53.0	79.4

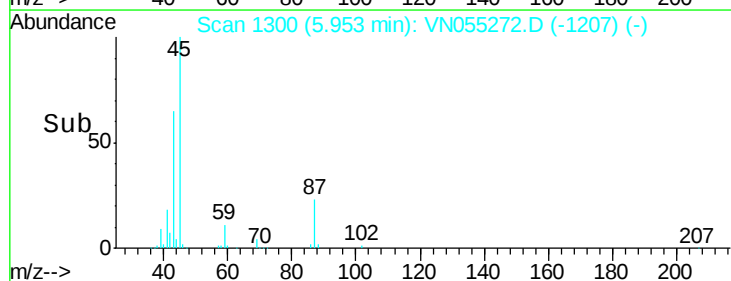
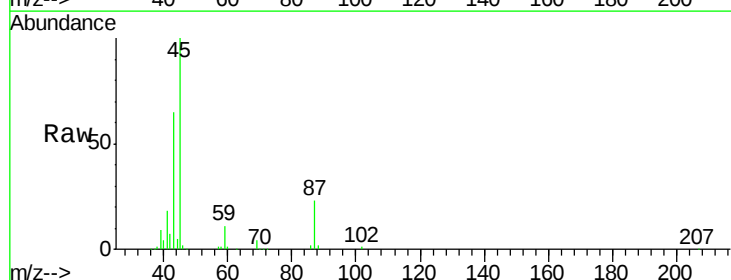
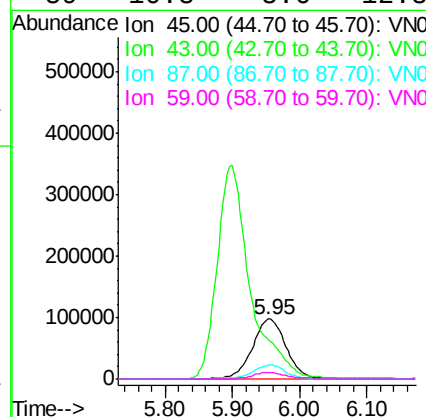
Manual Integrations
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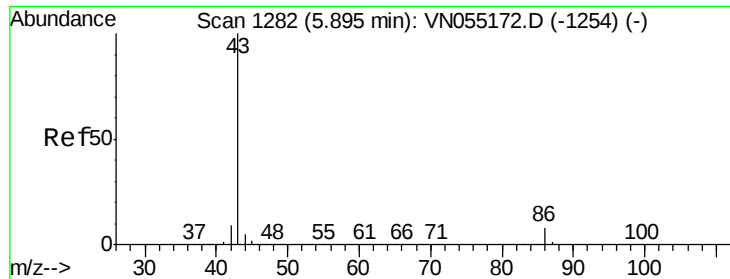
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#22
Diisopropyl ether
Concen: 22.169 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.3	47.4	71.0
87	22.3	18.4	27.6
59	10.8	8.6	12.8





#23

Vinyl Acetate

Concen: 115.511 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBS01

Tot Ion: 43 Resp: 1193452

Ion Ratio Lower Upper

43 100

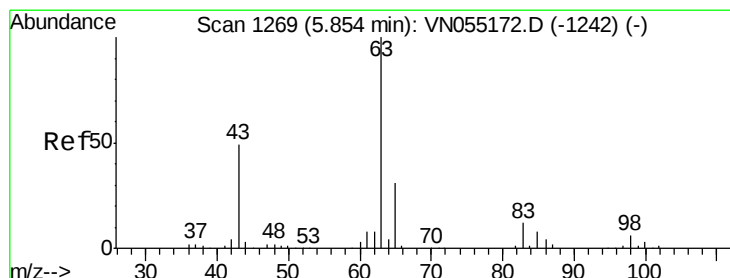
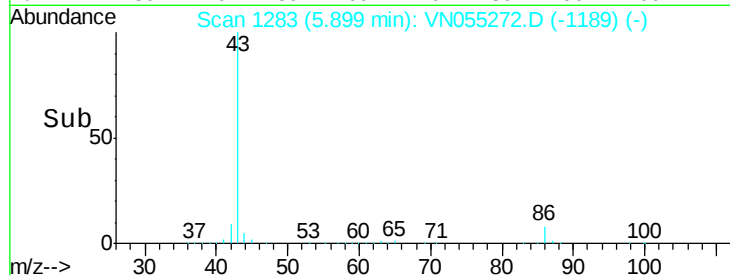
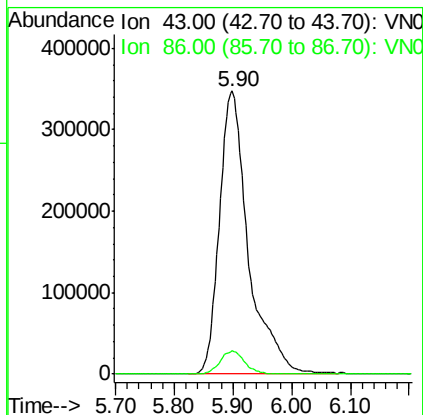
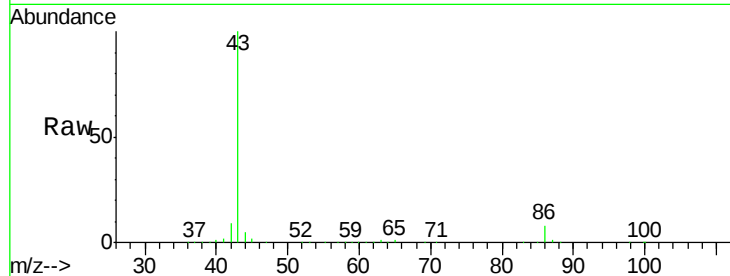
86 8.1 6.8 10.2

Manual Integrations

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MMDadoda

4/29/2019 10:57:02 AM



#24

1,1-Dichloroethane

Concen: 21.322 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

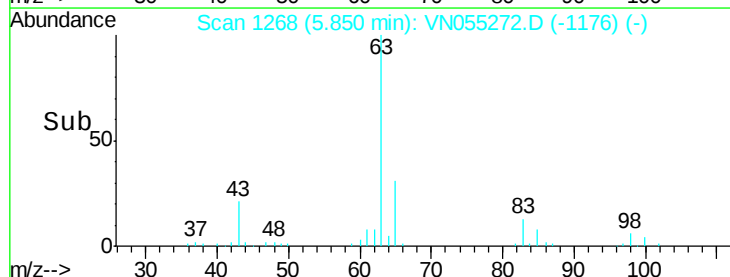
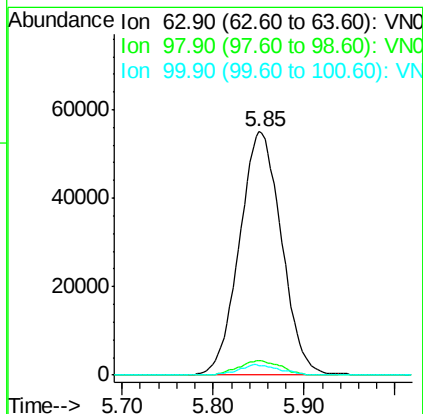
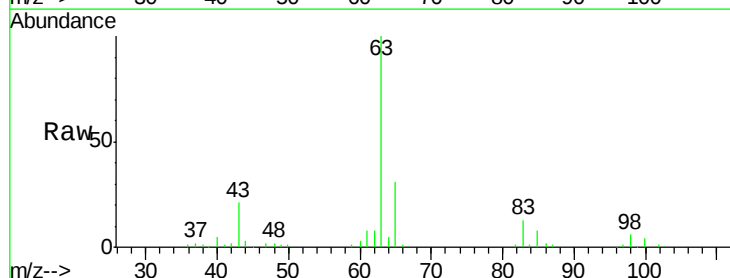
Tgt Ion: 63 Resp: 176334

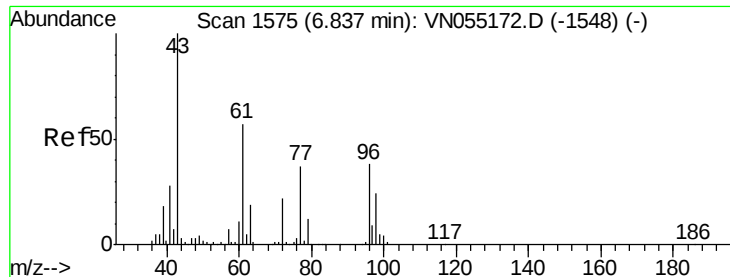
Ion Ratio Lower Upper

63 100

98 6.2 3.1 9.3

100 4.0 1.8 5.3





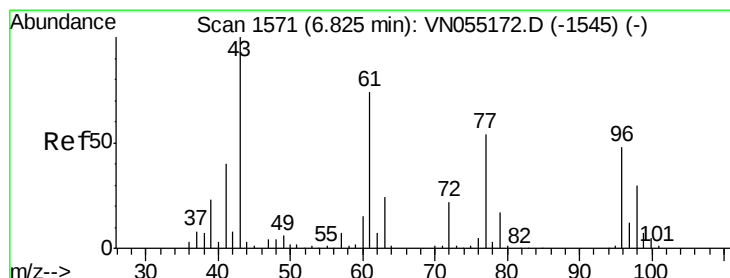
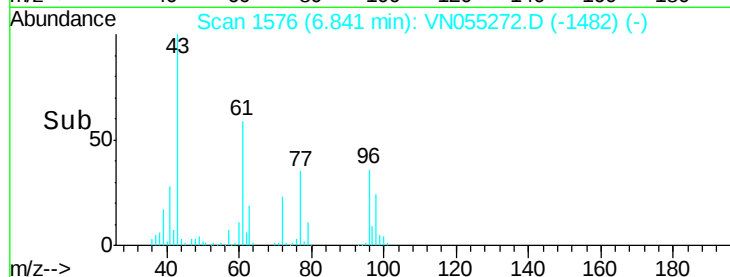
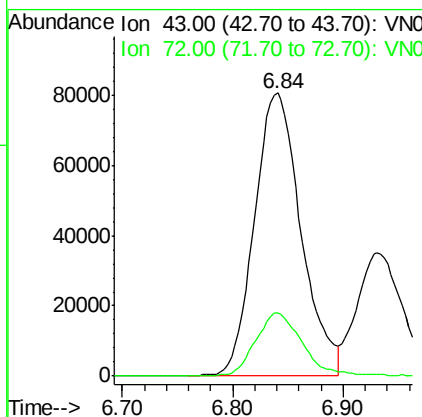
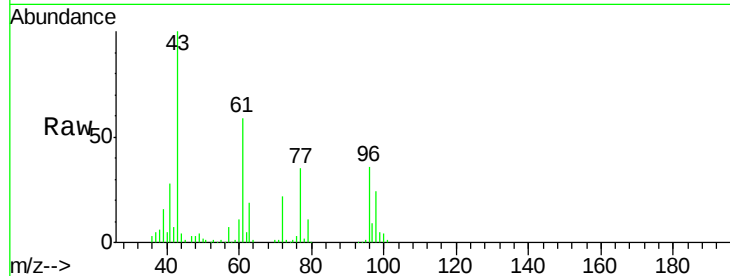
#25
2-Butanone
Concen: 106.888 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

Tot Ion: 43 Resp: 234167
Ion Ratio Lower Upper
43 100
72 22.5 17.8 26.8

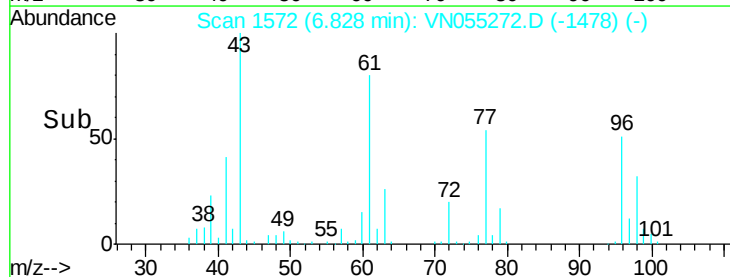
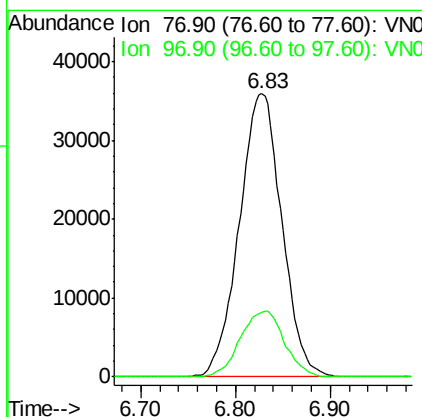
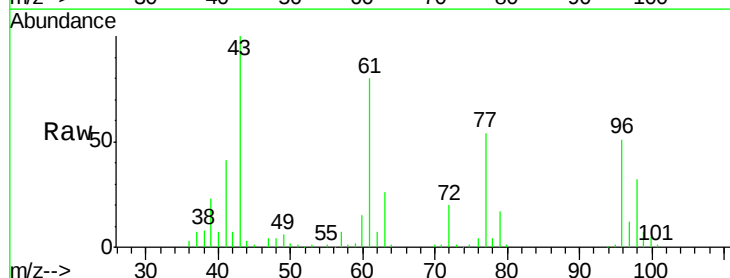
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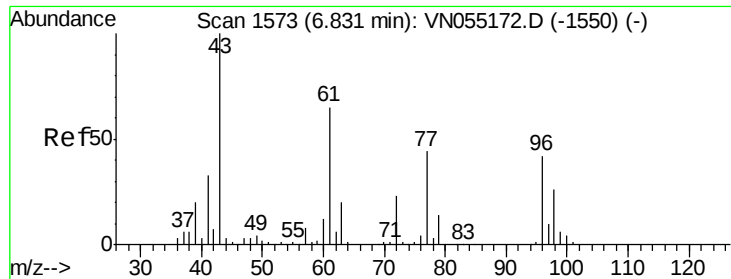
MMDadoda
4/29/2019 10:57:02 AM



#26
2,2-Dichloropropane
Concen: 20.041 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion: 77 Resp: 112156
Ion Ratio Lower Upper
77 100
97 24.1 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 21.264 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

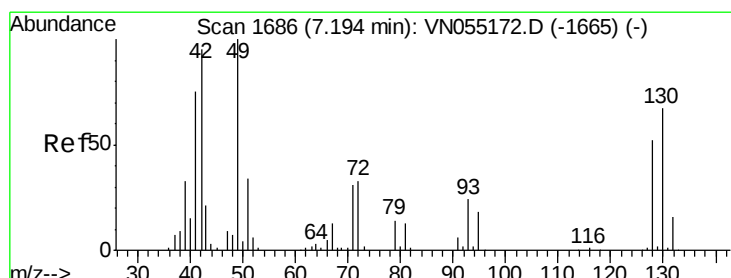
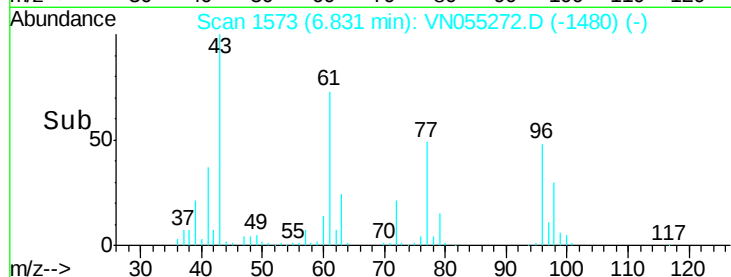
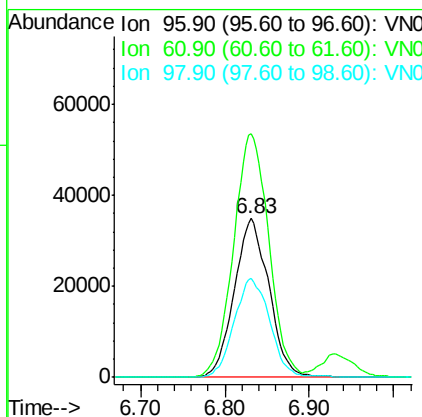
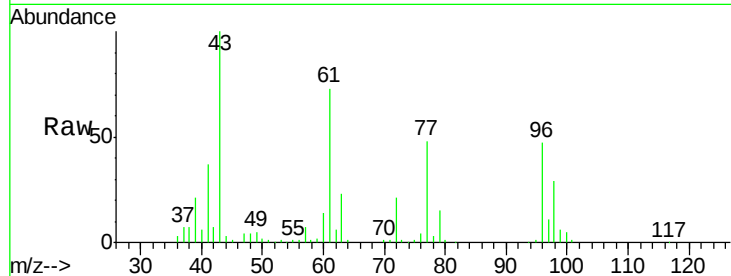
ClientSampleId :

VN0427WBS01

Tot Ion:	96	Resp:	100289
Ion Ratio	Lower	Upper	
96	100		
61	155.2	0.0	310.8
98	63.5	0.0	127.4

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#28

Bromochloromethane

Concen: 22.279 ug/l

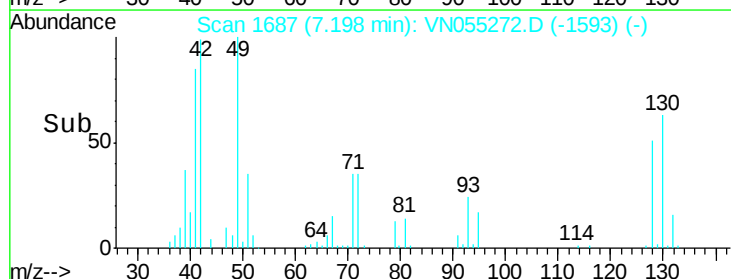
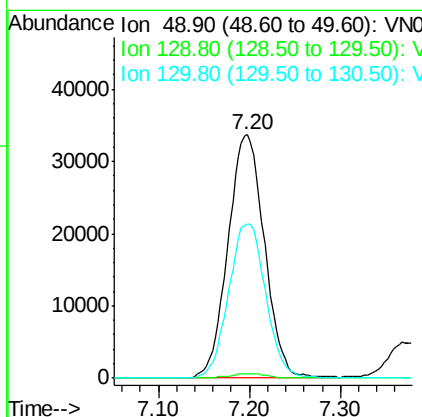
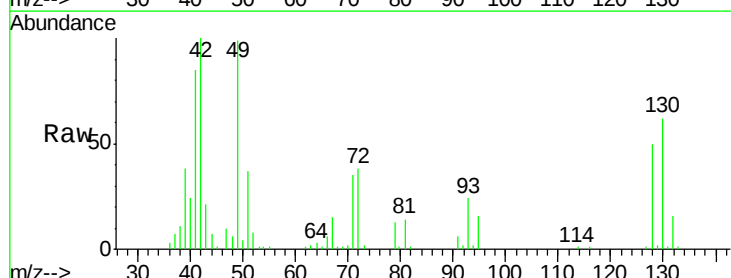
RT: 7.20 min Scan# 1687

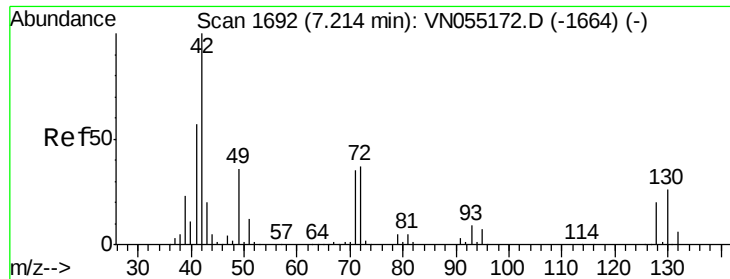
Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Tgt Ion:	49	Resp:	93921
Ion Ratio	Lower	Upper	
49	100		
129	1.1	0.0	3.8
130	64.2	53.4	80.2





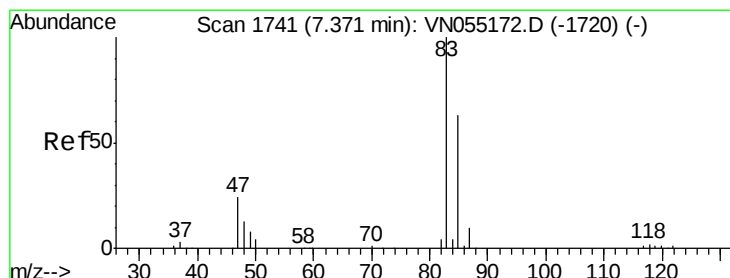
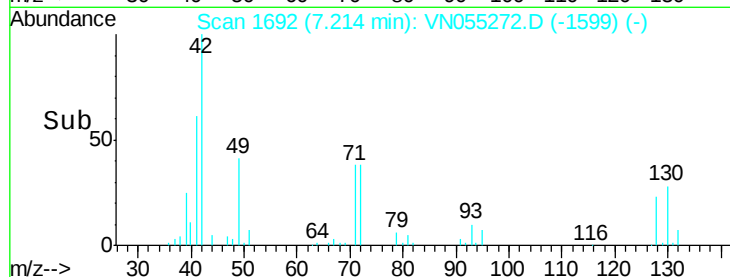
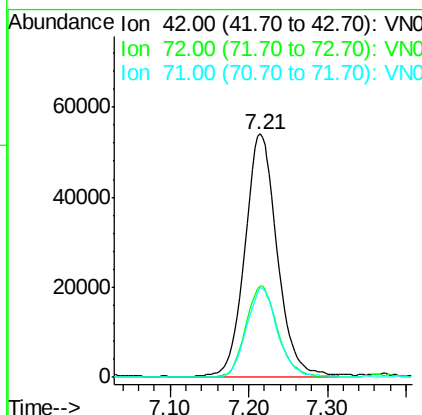
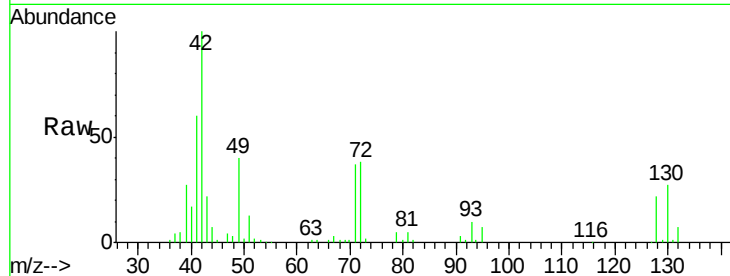
#29
Tetrahydrofuran
Concen: 117.348 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	36.8	29.4	44.2
71	35.1	27.8	41.8

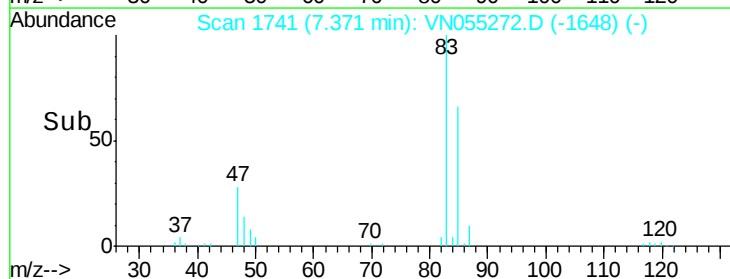
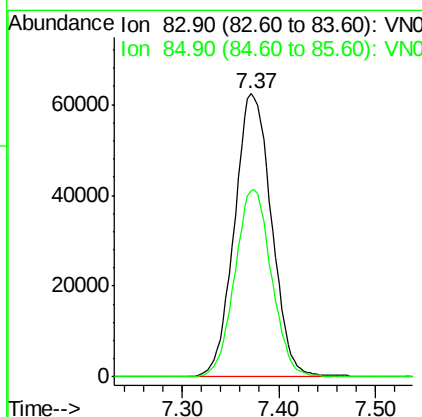
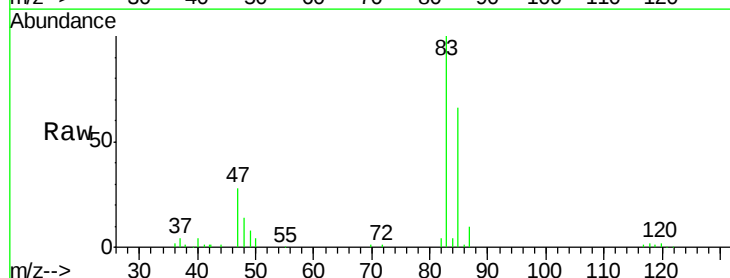
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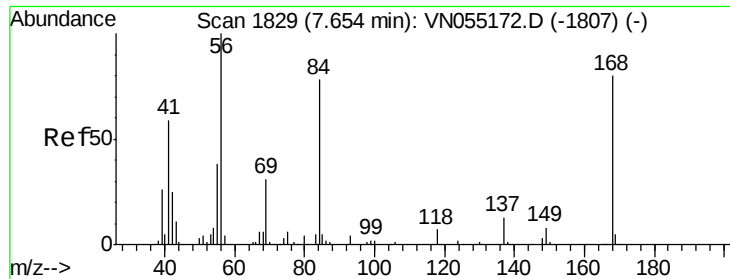
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#30
Chloroform
Concen: 21.146 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.6	76.0





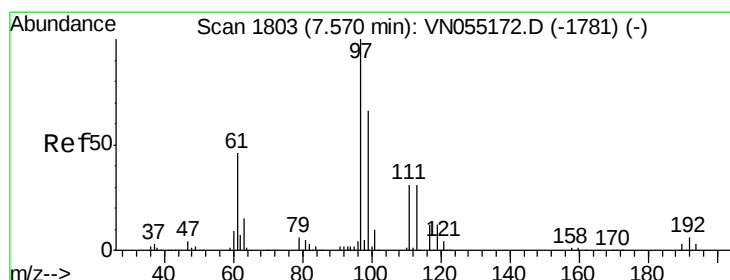
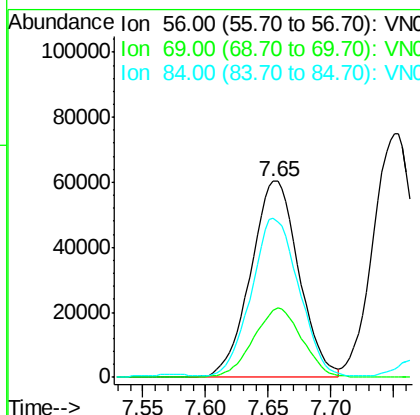
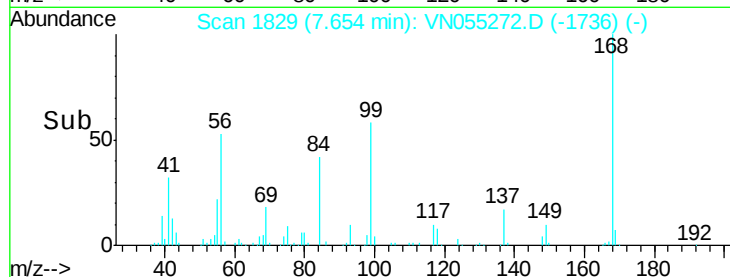
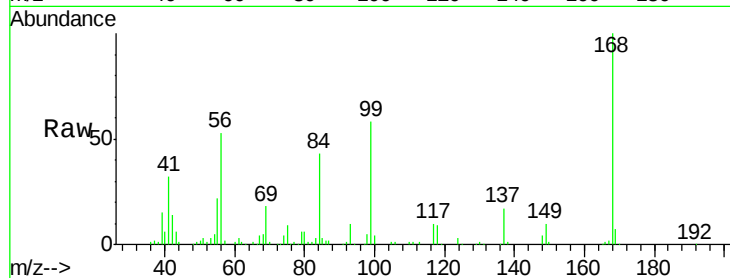
#31
Cyclohexane
Concen: 20.069 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.3	24.6	37.0
84	80.1	61.4	92.2

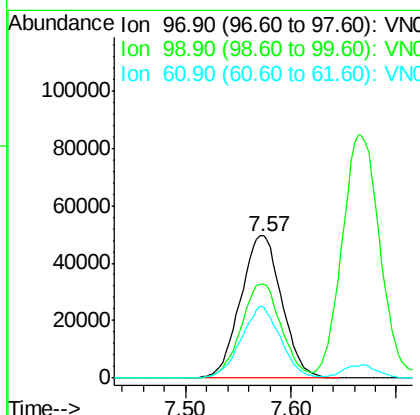
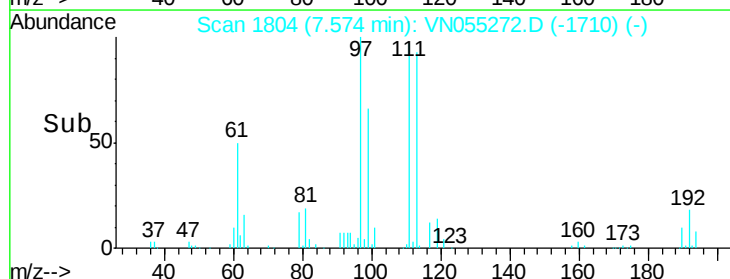
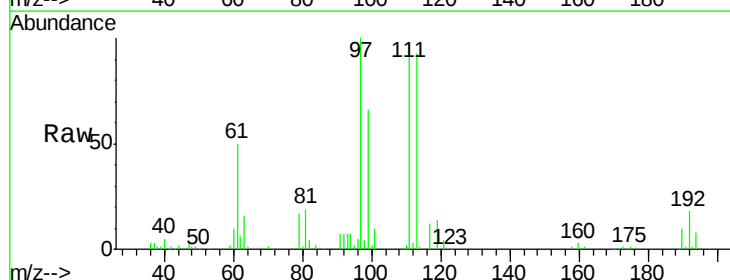
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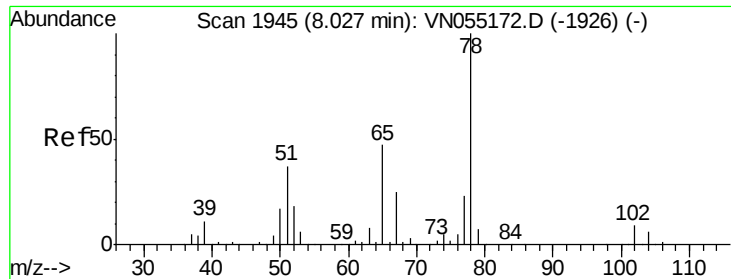
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#32
1,1,1-Trichloroethane
Concen: 21.319 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.1	76.7
61	48.0	38.3	57.5





#33

1,2-Dichloroethane-d4

Concen: 53.289 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampled :

VN0427WBS01

Tot Ion: 65 Resp: 273541

Ion Ratio Lower Upper

65 100

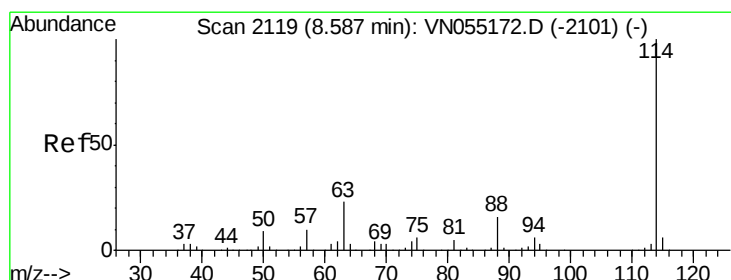
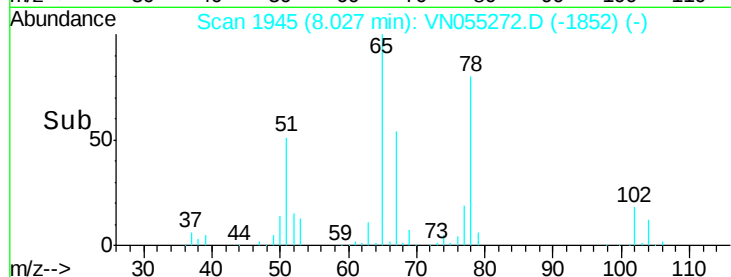
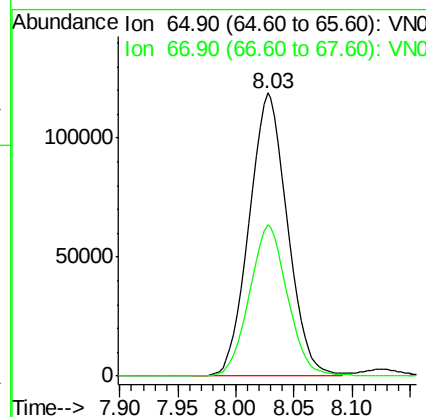
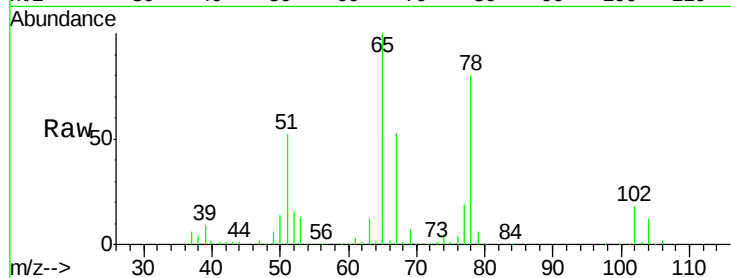
67 53.1 0.0 108.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

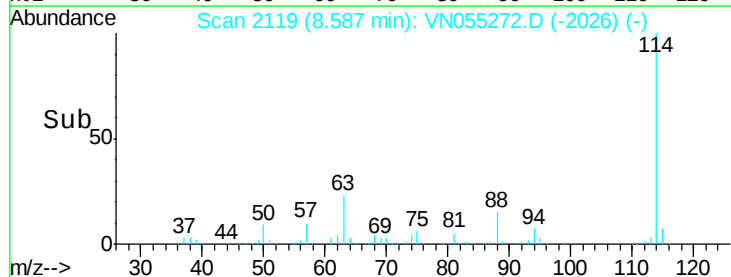
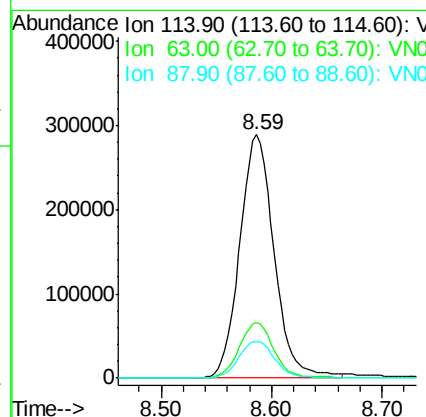
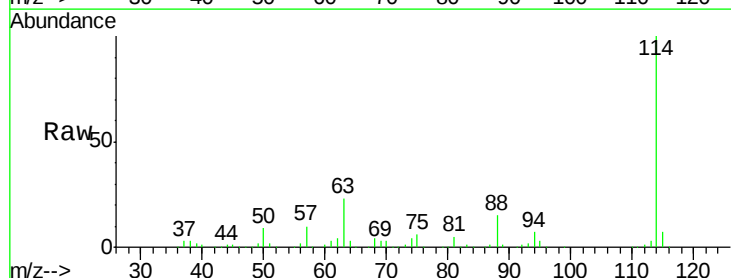
Tgt Ion: 114 Resp: 623293

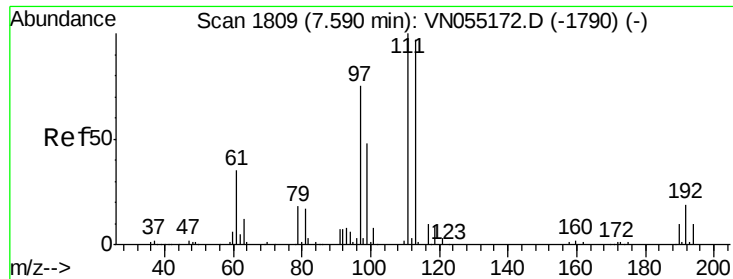
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.2

88 15.1 0.0 32.8





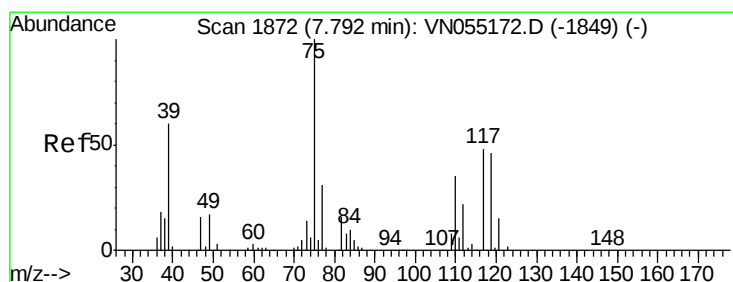
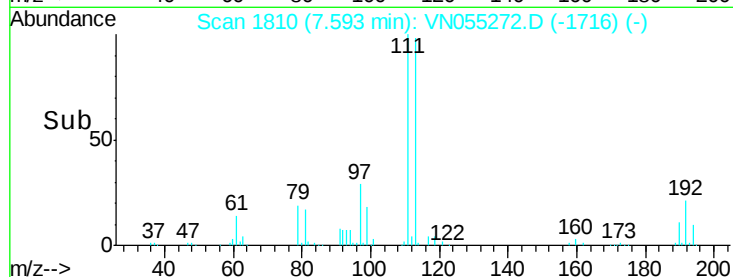
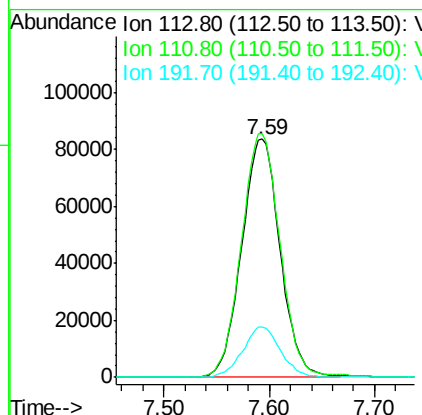
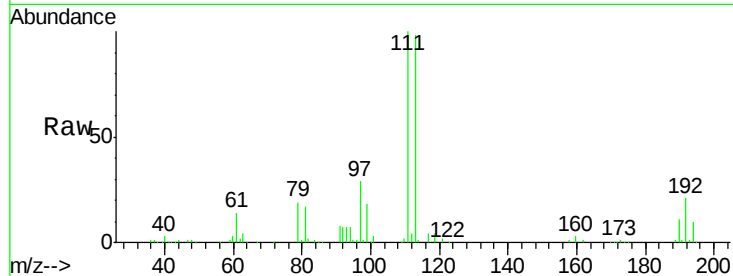
#35
 Dibromofluoromethane
 Concen: 50.032 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055272.D
 Acq: 26 Apr 2019 13:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0427WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.9	81.0	121.4	
192	20.9	16.2	24.4	

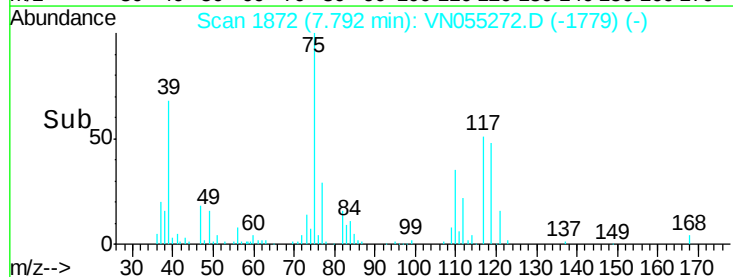
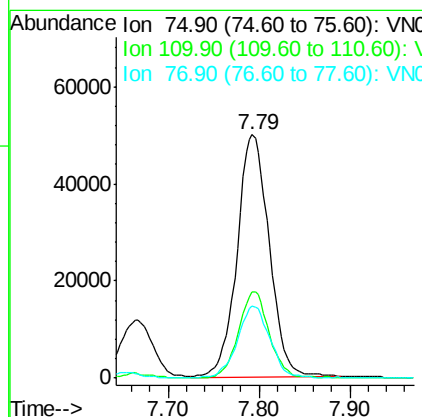
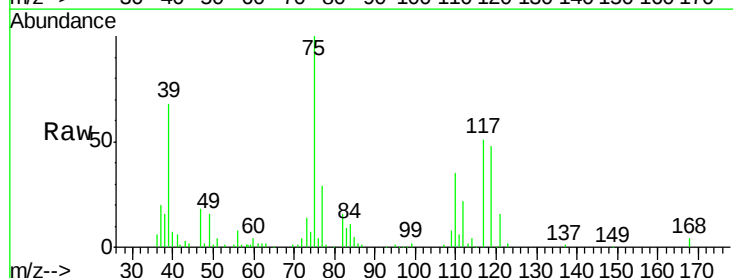
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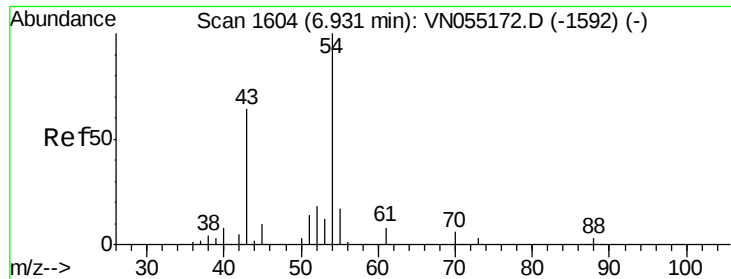
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#36
 1,1-Dichloropropene
 Concen: 21.167 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055272.D
 Acq: 26 Apr 2019 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	33.9	17.1	51.2	
77	30.3	24.6	36.8	





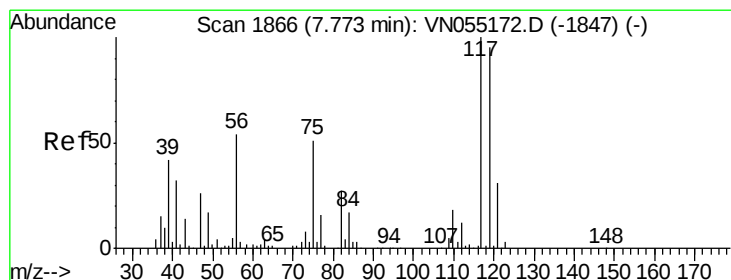
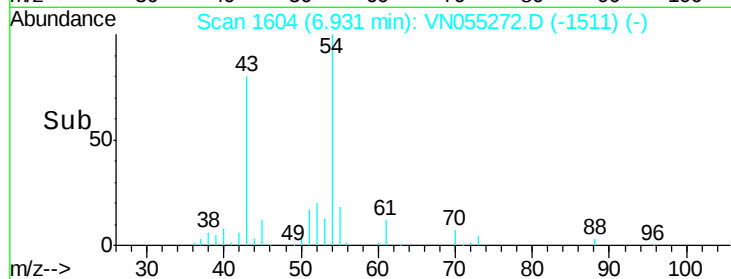
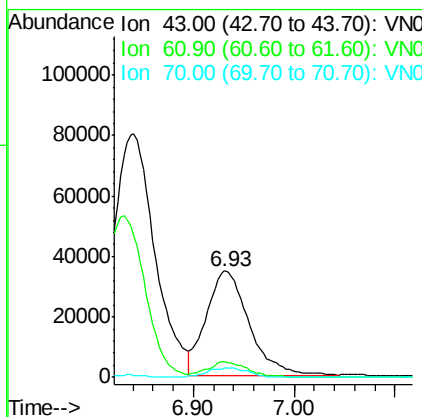
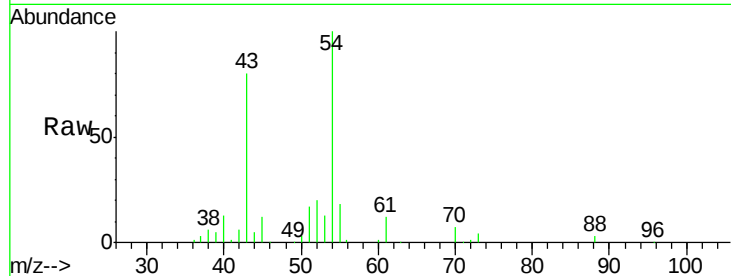
#37
Ethyl Acetate
Concen: 21.952 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Instrument :
MSVOA_N
ClientSampleID :
VN0427WBS01

Tot Ion	43	61	70
Resp	102490		
Ratio	100	14.1	8.8
Lower		9.7	6.9
Upper		14.5	10.3

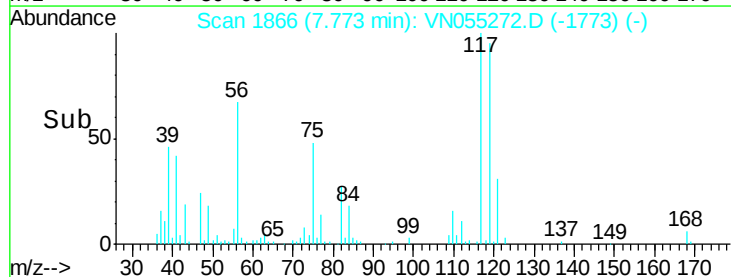
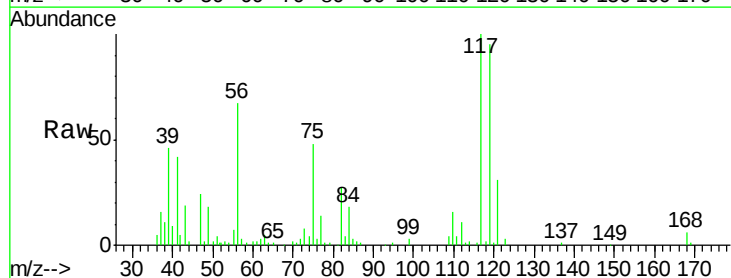
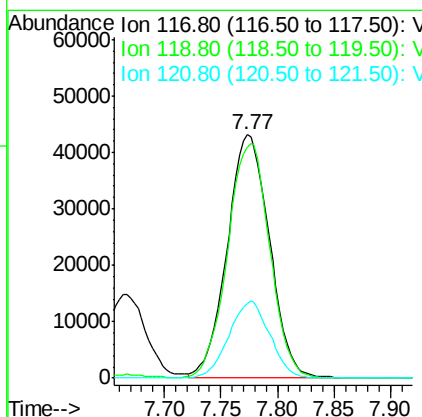
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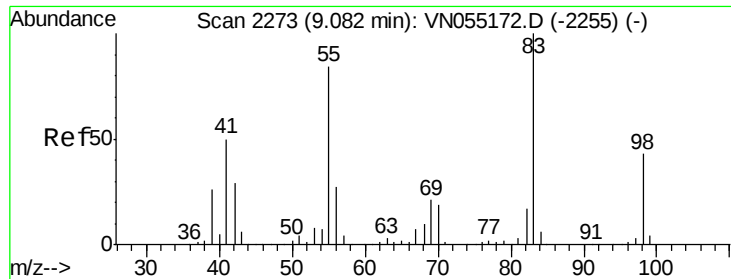
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#38
Carbon Tetrachloride
Concen: 20.566 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion	117	119	121
Resp	111415		
Ratio	100	95.2	30.9
Lower		76.0	24.6
Upper		114.0	36.8





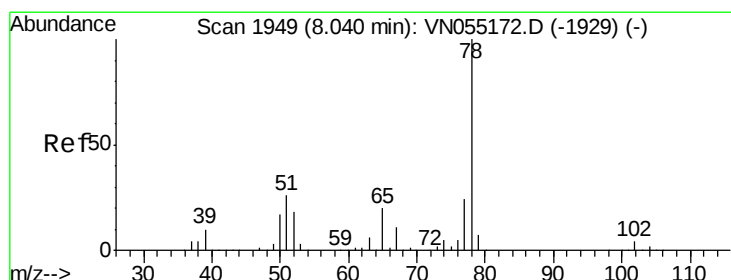
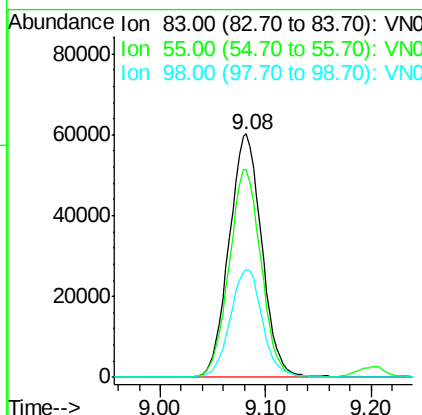
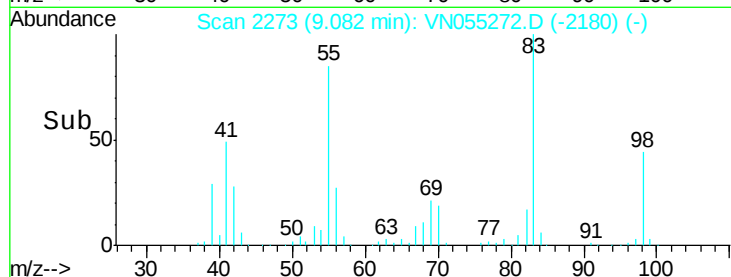
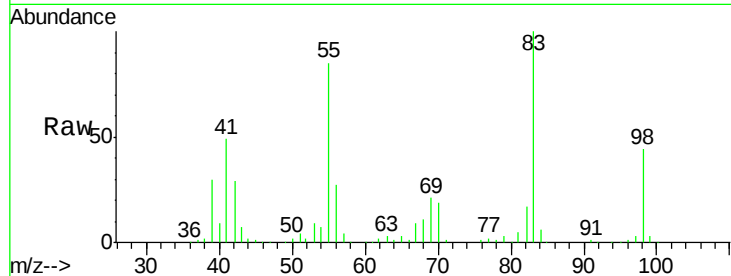
#39
Methvlcvclohexane
Concen: 18.685 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	85.4	67.4	101.0	
98	44.3	34.7	52.1	

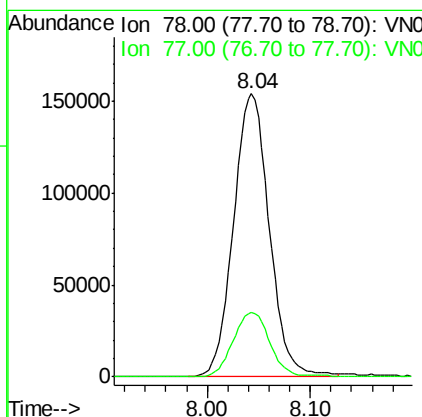
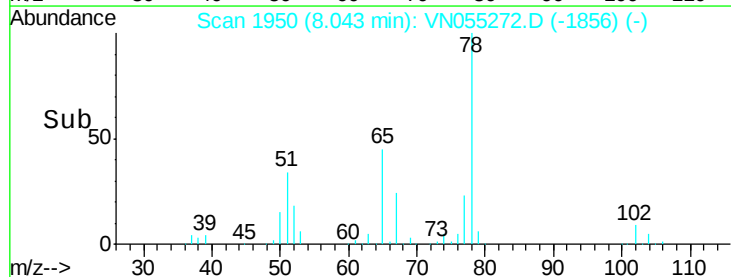
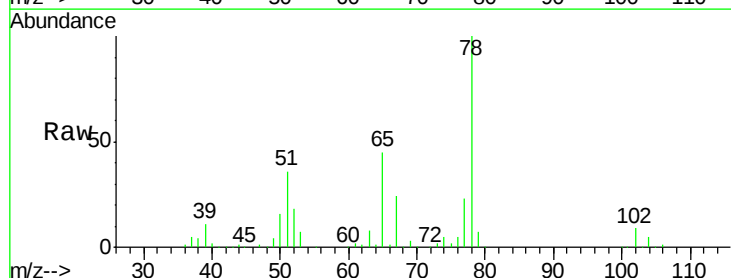
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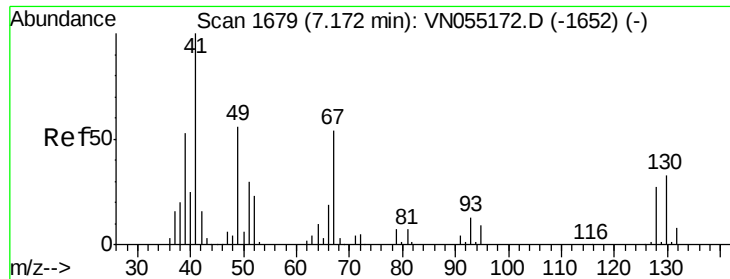
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#40
Benzene
Concen: 20.835 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.7	19.5	29.3	





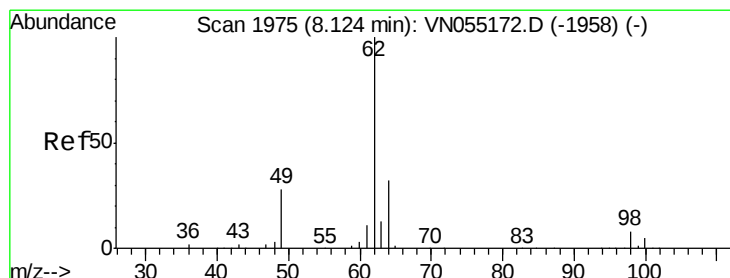
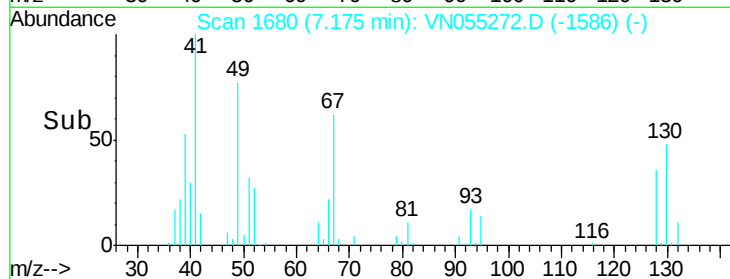
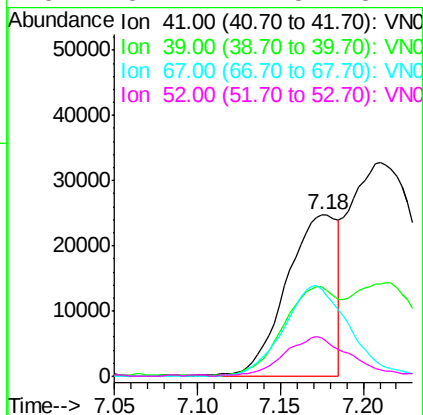
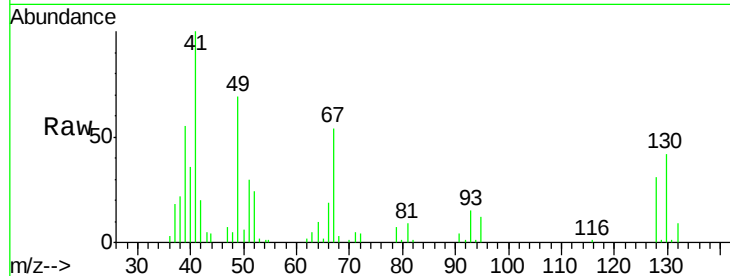
#41
Methacrylonitrile
Concen: 21.849 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

Tot Ion	41	Resp	53479
Ion	Ratio	Lower	Upper
41	100		
39	60.7	45.4	68.0
67	72.4	54.6	81.8
52	31.4	22.8	34.2

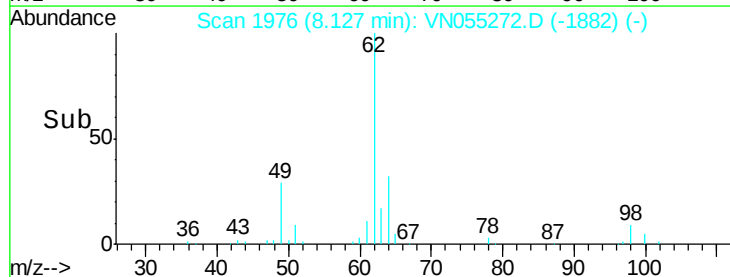
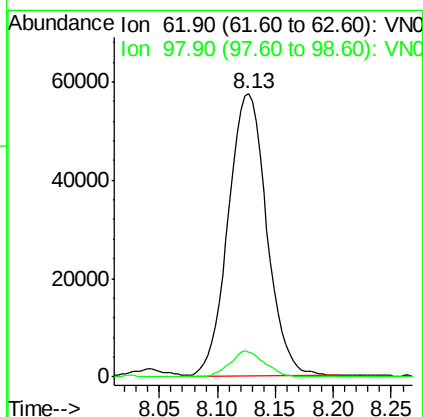
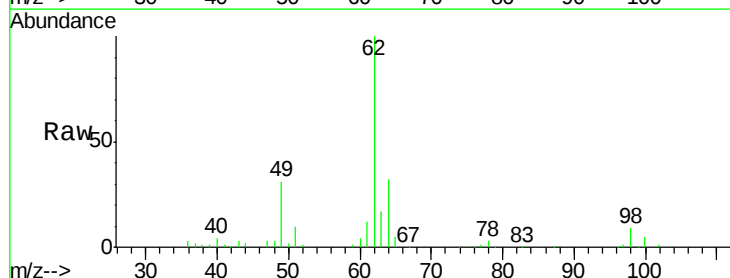
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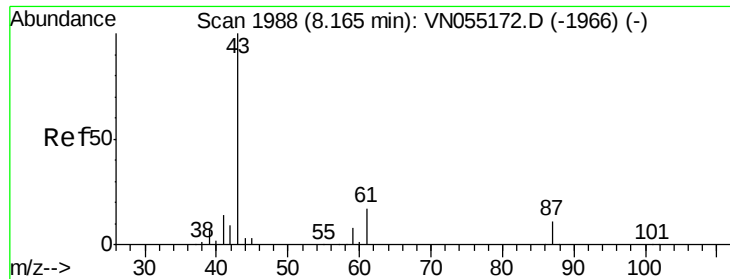
MMDadoda
4/29/2019 10:57:02 AM



#42
1,2-Dichloroethane
Concen: 21.275 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion	62	Resp	132546
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.0





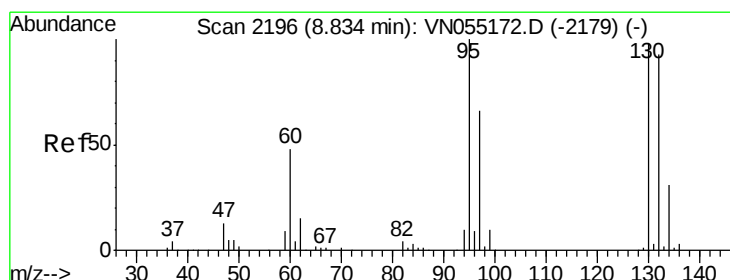
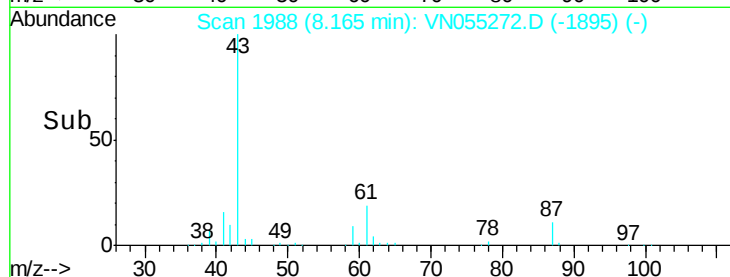
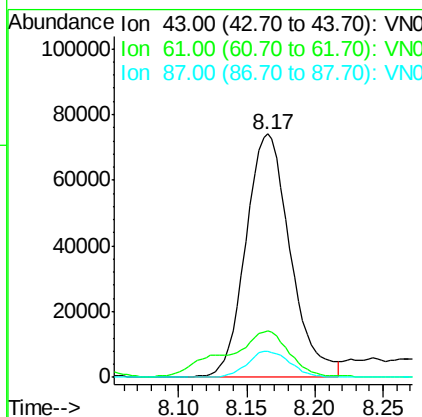
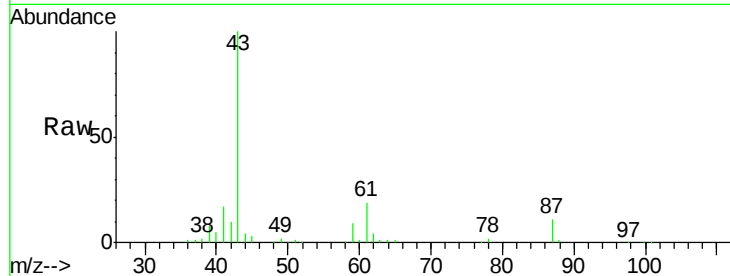
#43
Isopropyl Acetate
Concen: 22.107 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.3	20.6	30.8#
87	10.3	8.8	13.2

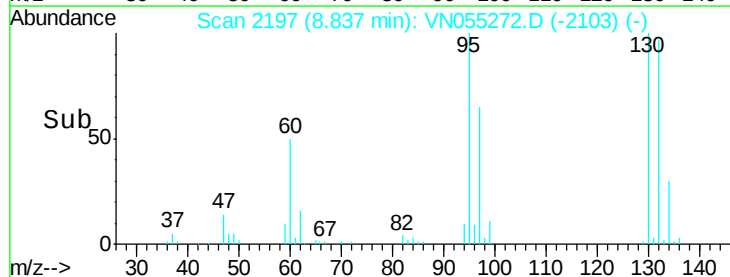
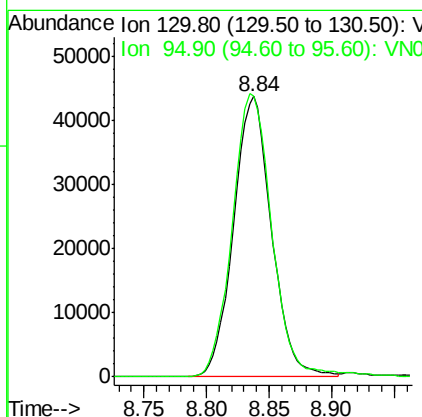
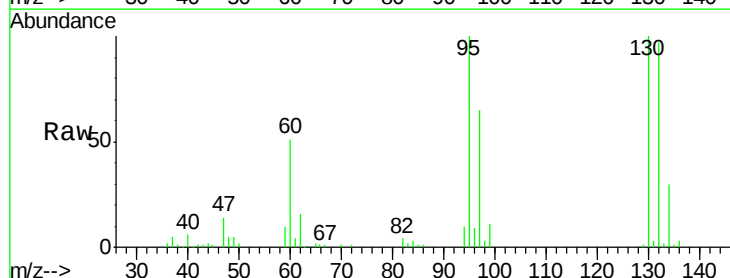
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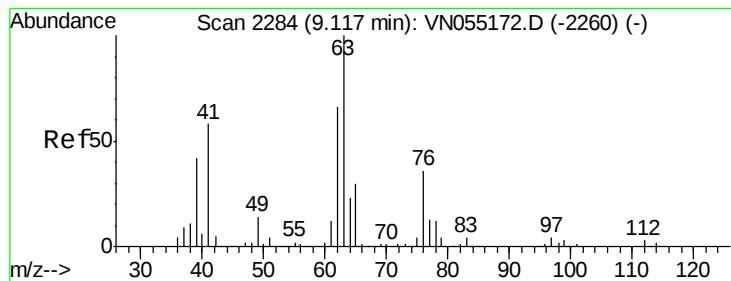
MMDadoda
4/29/2019 10:57:02 AM



#44
Trichloroethene
Concen: 20.427 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	203.6





#45

1,2-Dichloropropane

Concen: 20.978 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBS01

Tot Ion: 63 Resp: 105748

Ion Ratio Lower Upper

63 100

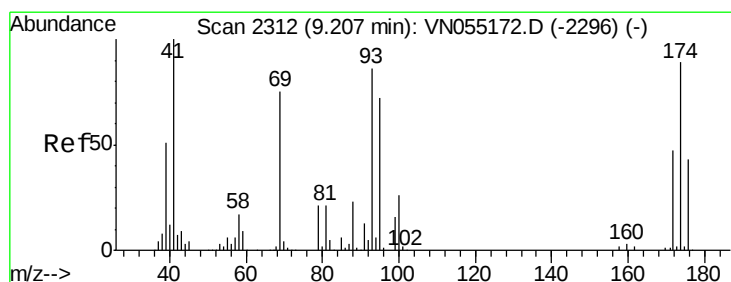
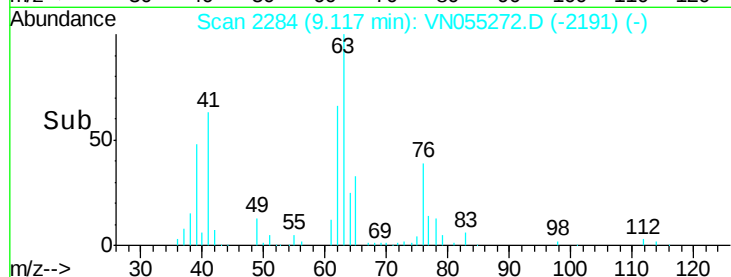
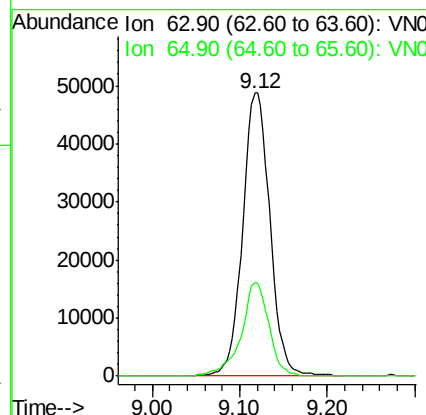
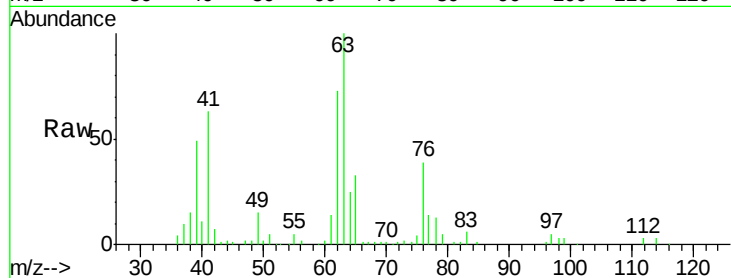
65 33.2 23.8 35.6

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#46

Dibromomethane

Concen: 20.799 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

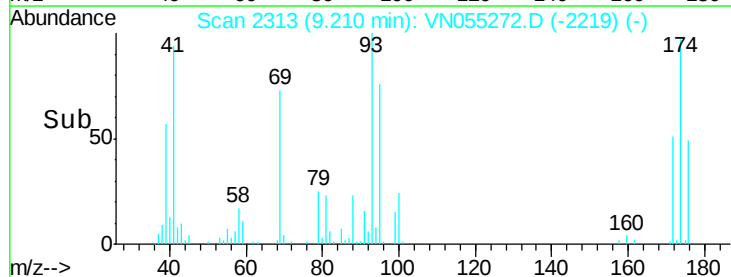
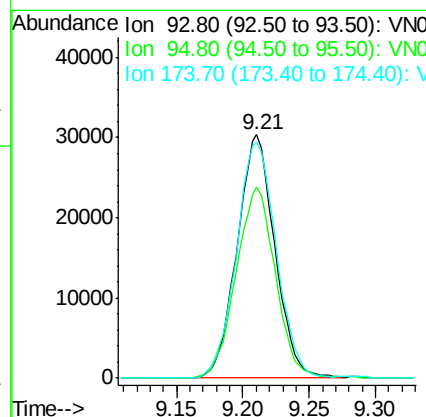
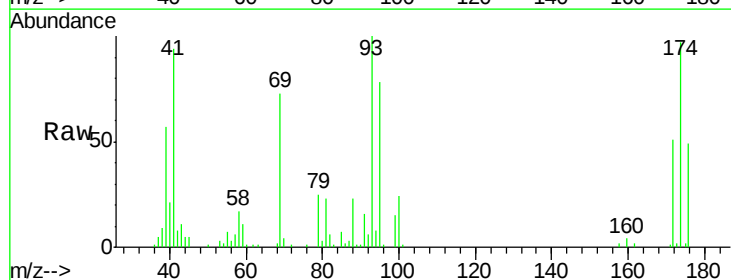
Tgt Ion: 93 Resp: 60019

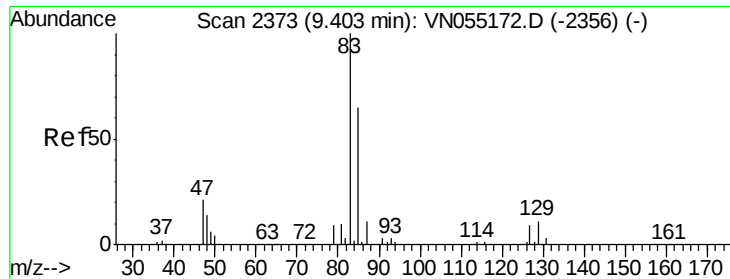
Ion Ratio Lower Upper

93 100

95 81.4 67.6 101.4

174 102.3 83.4 125.2





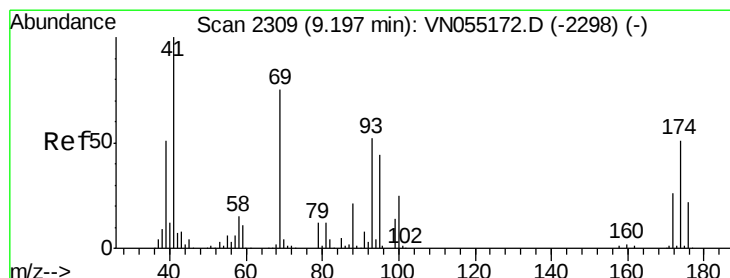
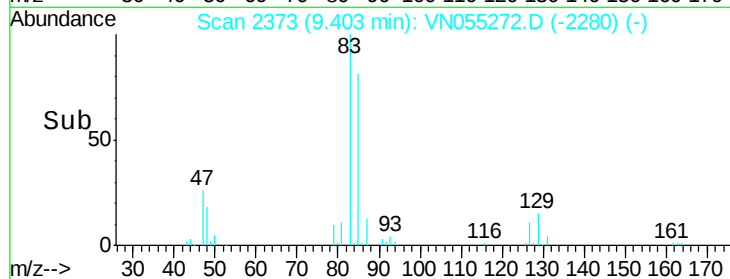
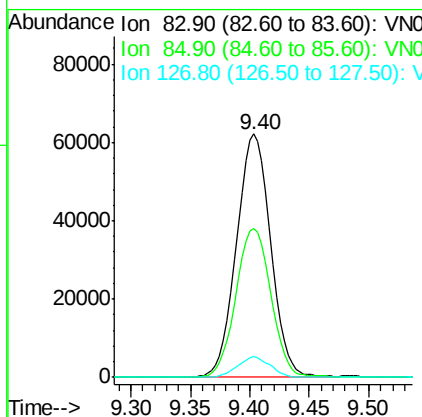
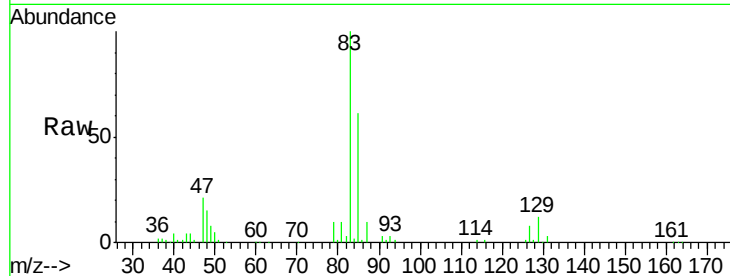
#47
Bromodichloromethane
Concen: 21.492 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

Tot Ion	83	Resp	124156
Ion Ratio	100	Lower	Upper
83	100		
85	61.3	52.1	78.1
127	8.4	6.9	10.3

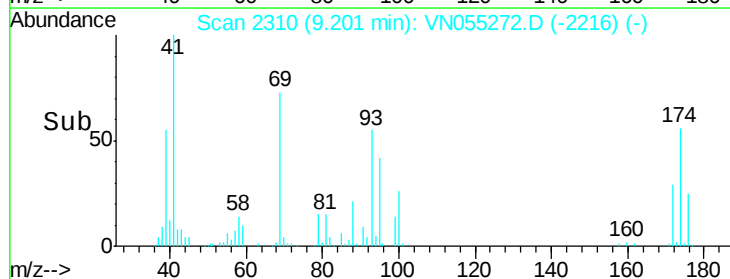
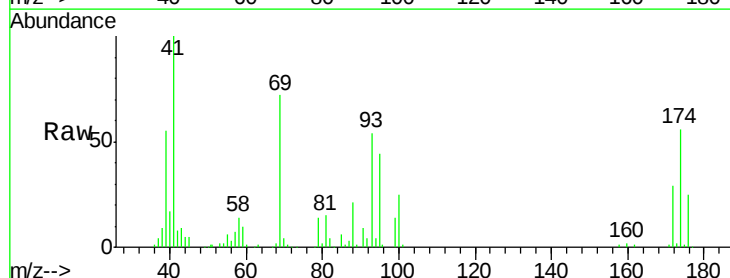
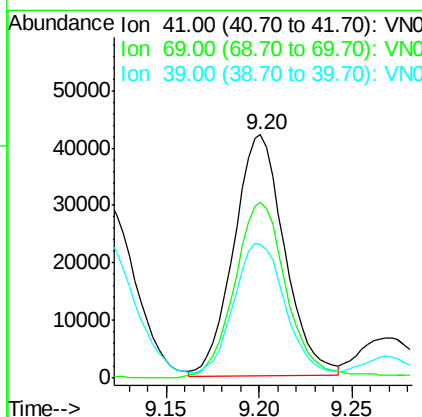
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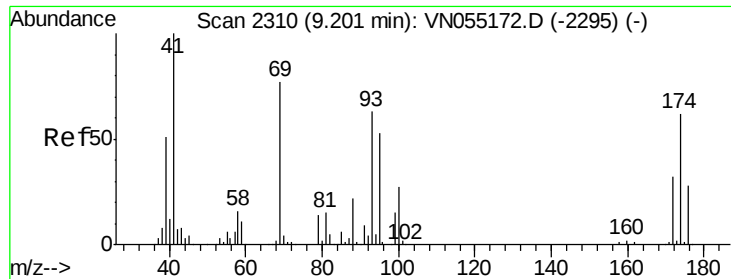
MMDadoda
4/29/2019 10:57:02 AM



#48
Methyl methacrylate
Concen: 21.740 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion	41	Resp	79728
Ion Ratio	100	Lower	Upper
41	100		
69	74.2	63.6	95.4
39	57.0	43.8	65.8





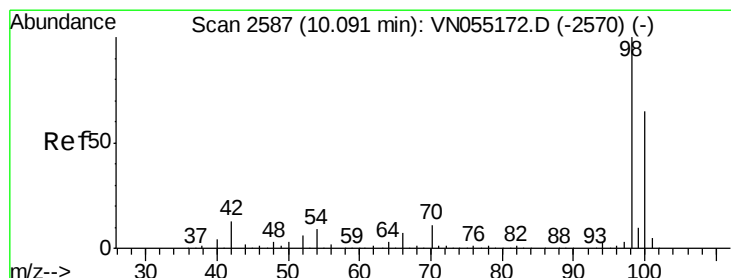
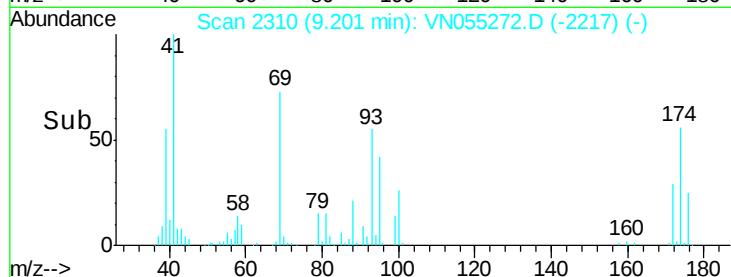
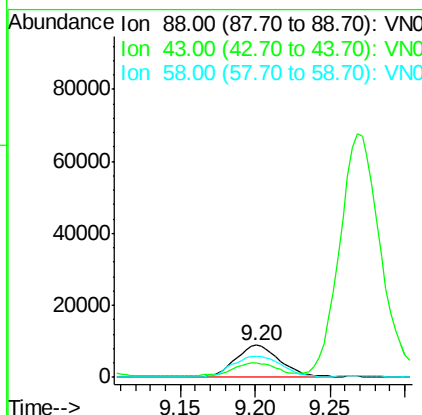
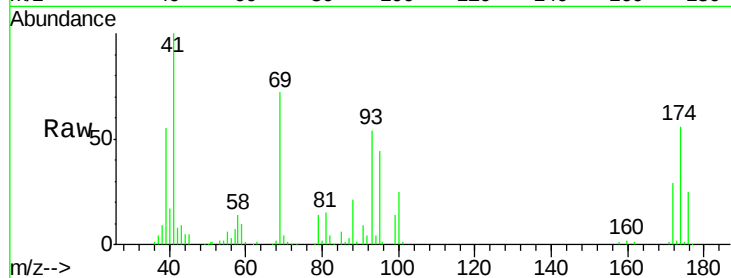
#49
 1,4-Dioxane
 Concen: 441.474 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN055272.D
 Acq: 26 Apr 2019 13:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0427WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.9	32.0	48.0
58	73.3	60.4	90.6

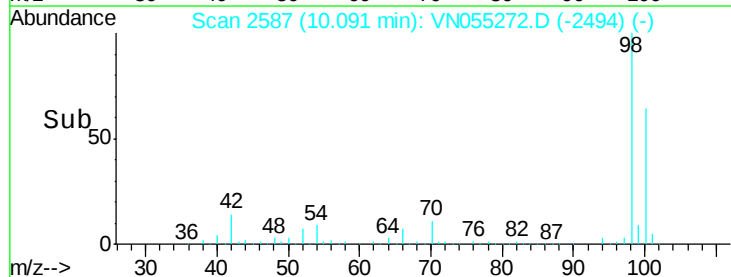
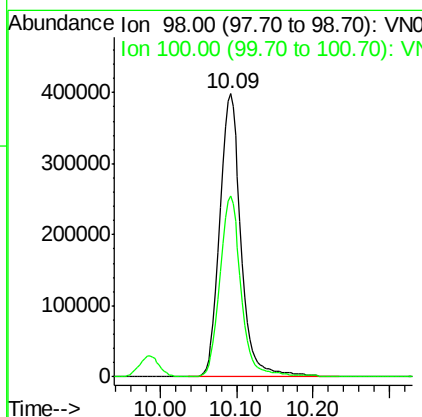
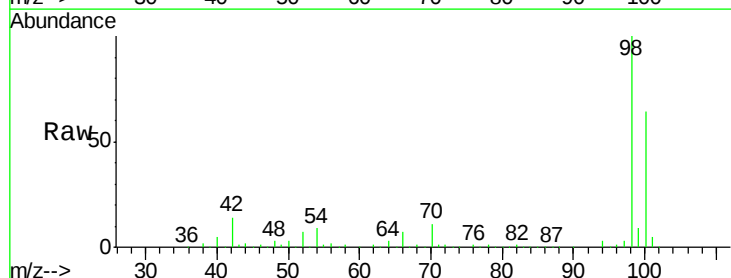
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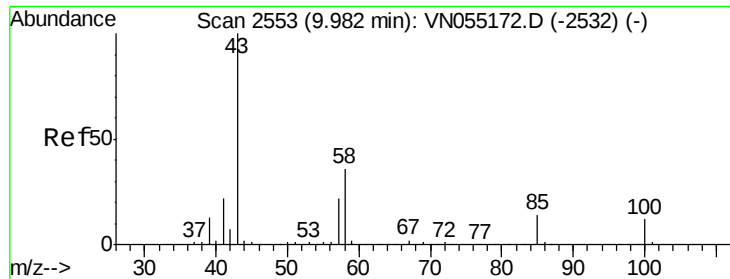
MMDadoda
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#50
 Toluene-d8
 Concen: 49.405 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN055272.D
 Acq: 26 Apr 2019 13:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.8	77.6





#51

4-Methyl-2-Pentanone

Concen: 111.580 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBS01

Tot Ion: 43 Resp: 485423

Ion Ratio Lower Upper

43 100

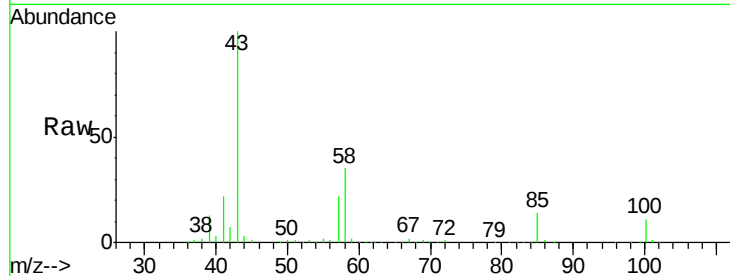
58 35.4 28.3 42.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

250000

200000

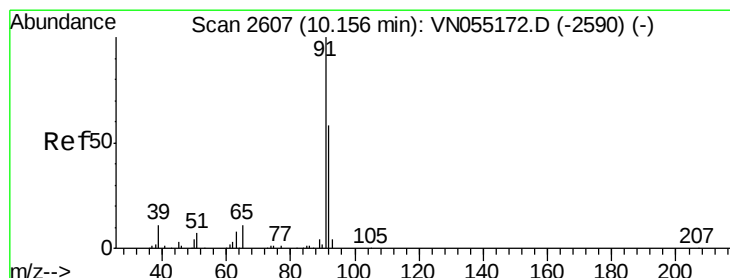
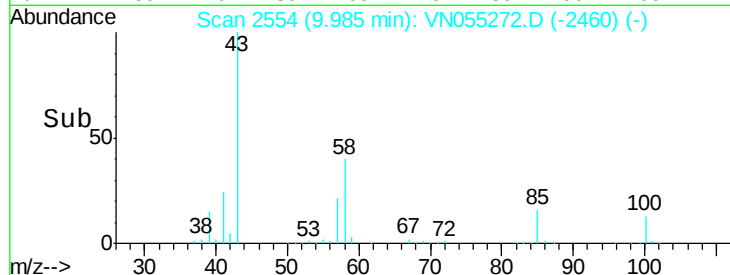
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.725 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055272.D

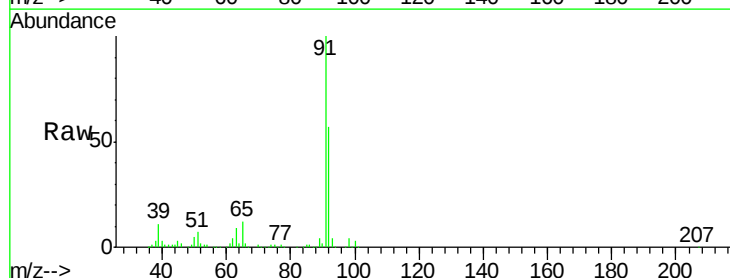
Acq: 26 Apr 2019 13:34

Tgt Ion: 92 Resp: 216975

Ion Ratio Lower Upper

92 100

91 177.3 138.7 208.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.16

200000

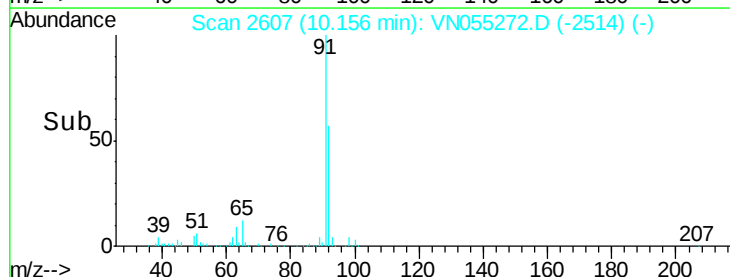
150000

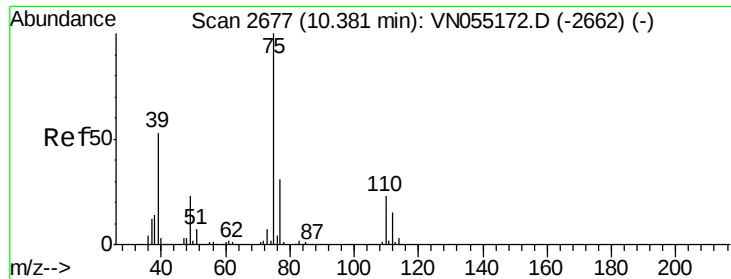
100000

50000

0

Time-->





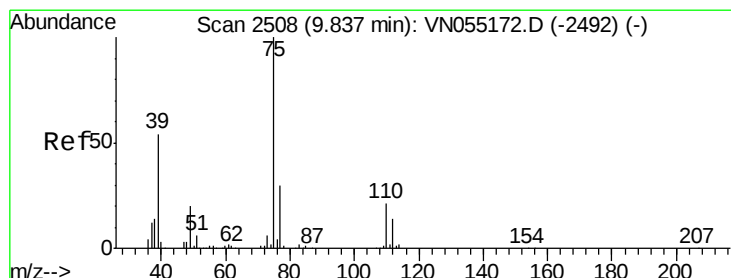
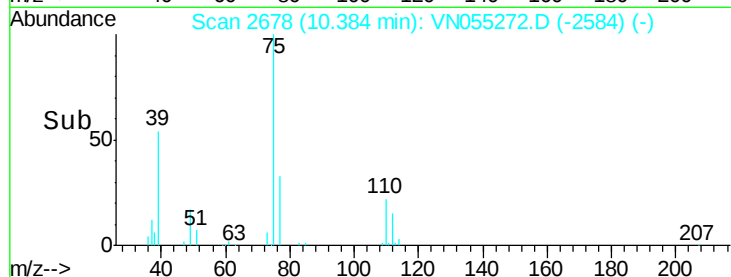
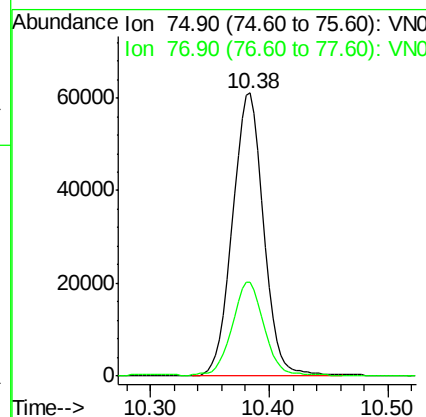
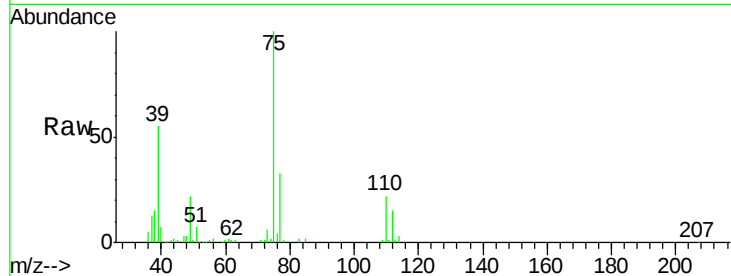
#53
t-1,3-Dichloropropene
Concen: 20.938 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

Tot Ion: 75 Resp: 111002
Ion Ratio Lower Upper
75 100
77 32.9 25.1 37.7

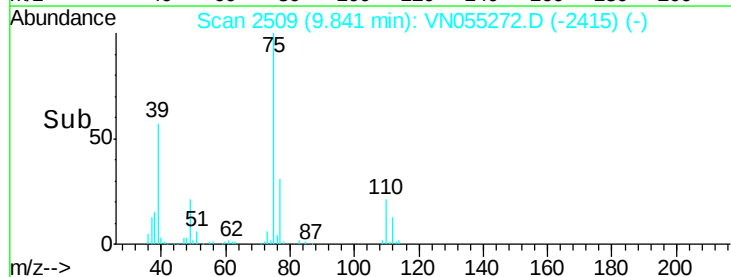
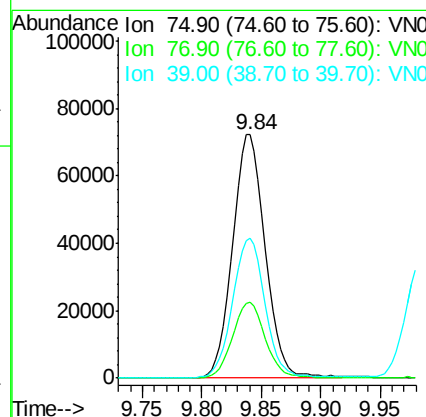
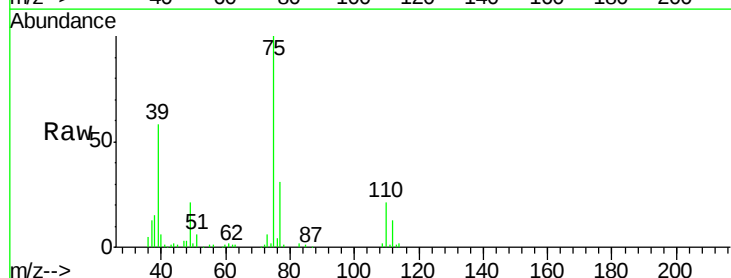
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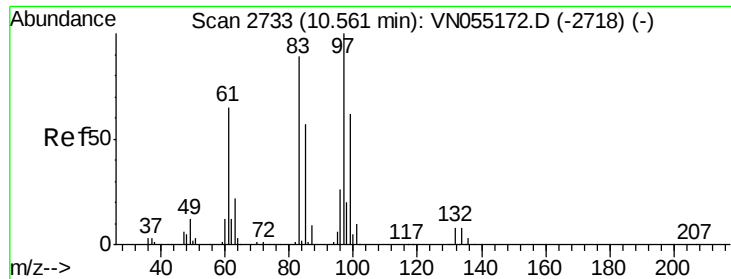
MMDadoda
4/29/2019 10:57:02 AM



#54
cis-1,3-Dichloropropene
Concen: 20.888 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion: 75 Resp: 137423
Ion Ratio Lower Upper
75 100
77 31.2 24.3 36.5
39 57.3 43.0 64.4





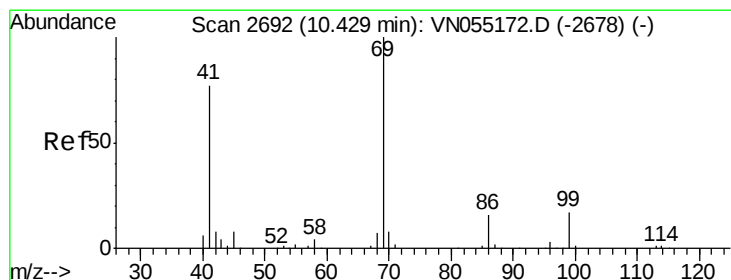
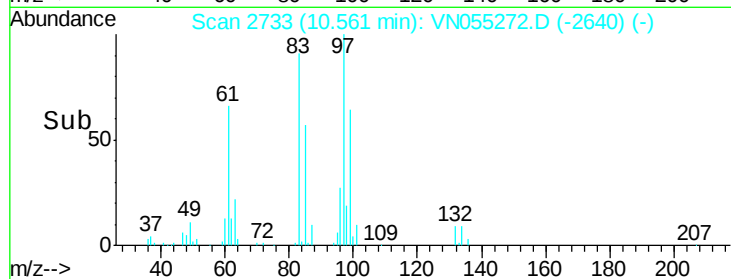
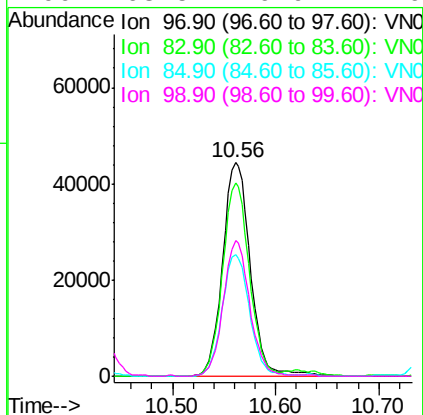
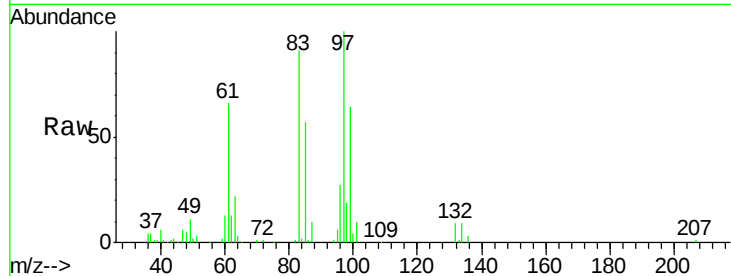
#55
 1,1,2-Trichloroethane
 Concen: 21.514 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055272.D
 Acq: 26 Apr 2019 13:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0427WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	90.7	71.5	107.3
85	57.2	45.8	68.6
99	63.5	49.9	74.9

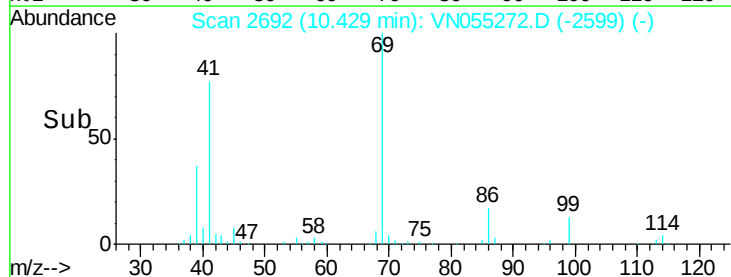
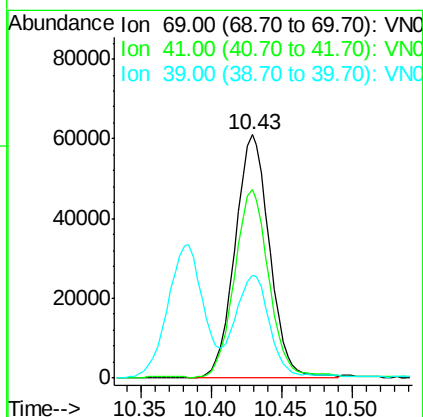
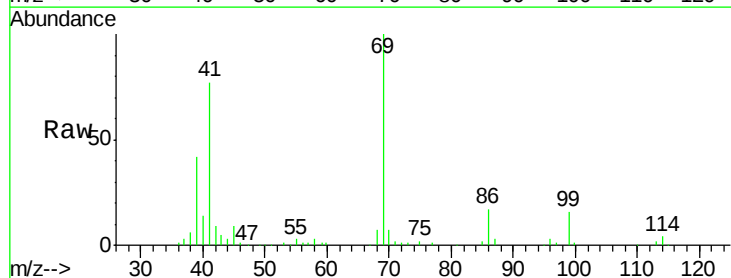
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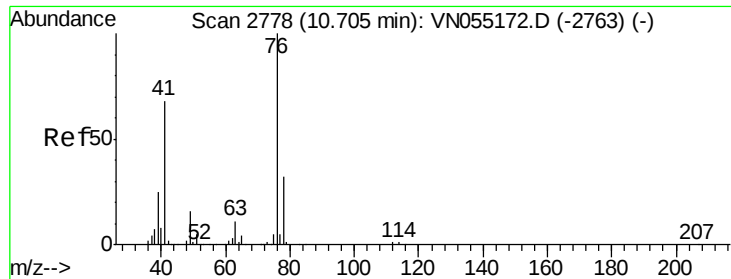
MMDadoda
 4/29/2019 10:57:02 AM



#56
 Ethyl methacrylate
 Concen: 21.820 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055272.D
 Acq: 26 Apr 2019 13:34

Tgt Ion	Ratio	Lower	Upper
69	100		
41	76.7	60.6	90.8
39	40.0	31.7	47.5





#57

1,3-Dichloropropane

Concen: 21.530 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBS01

Tot Ion: 76 Resp: 144578

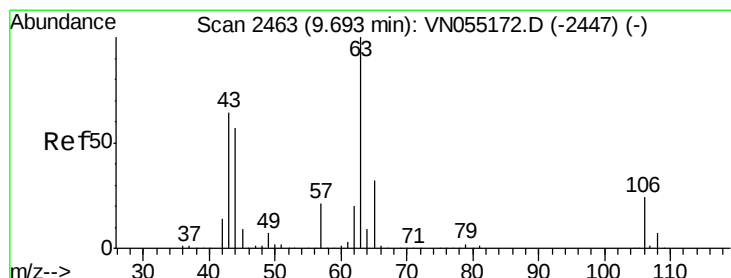
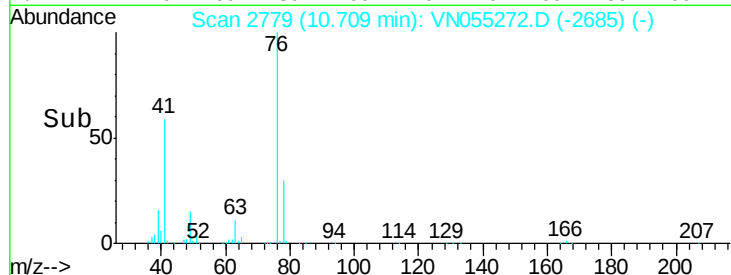
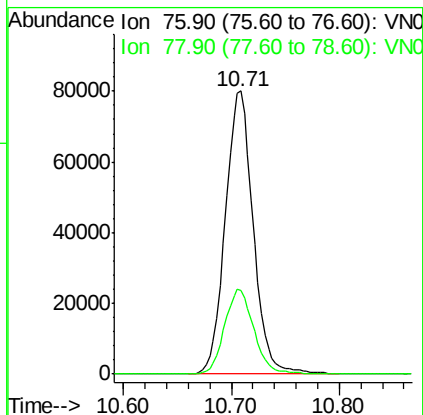
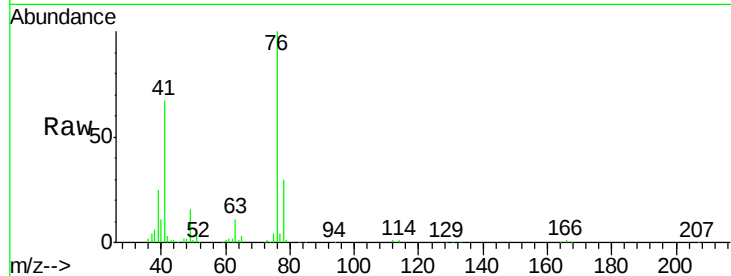
Ion Ratio Lower Upper

76 100

78 31.5 25.3 37.9

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4/29/2019 10:57:02 AM



#58

2-Chloroethyl Vinyl ether

Concen: 80.317 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055272.D

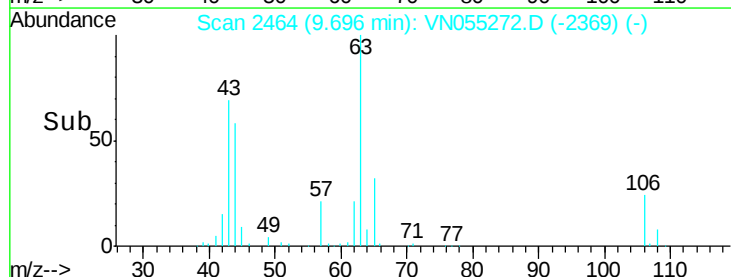
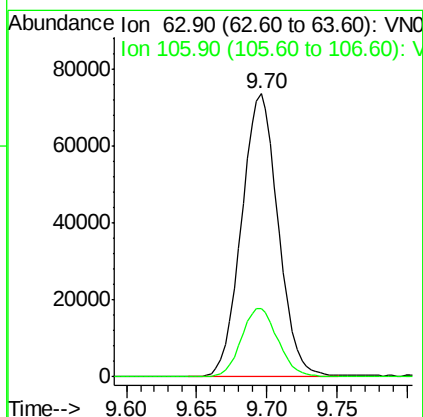
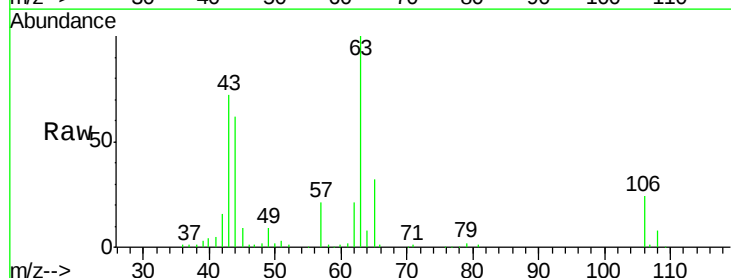
Acq: 26 Apr 2019 13:34

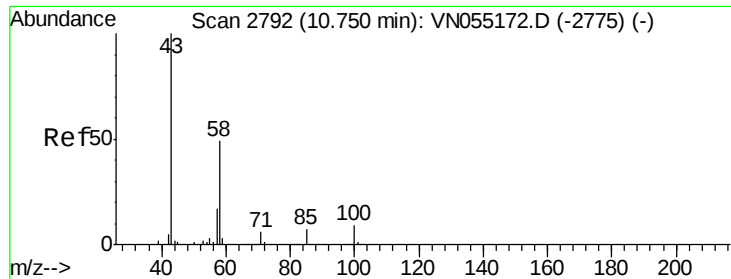
Tgt Ion: 63 Resp: 133946

Ion Ratio Lower Upper

63 100

106 24.3 19.4 29.0





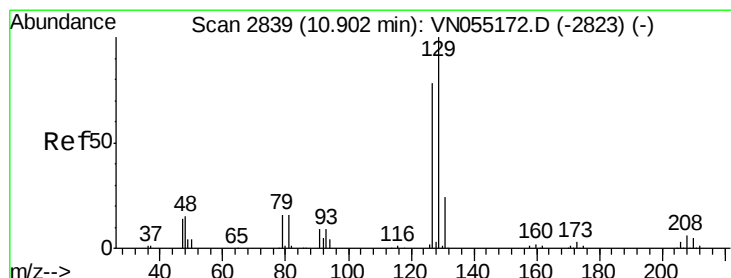
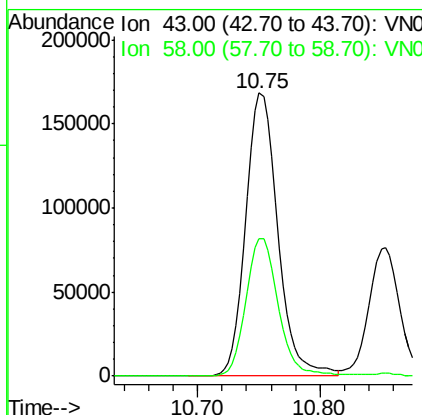
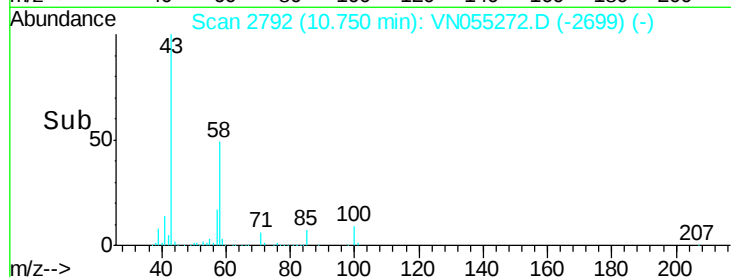
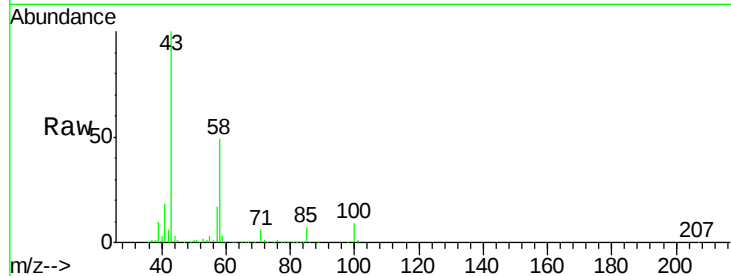
#59
2-Hexanone
Concen: 110.728 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.2	24.5	73.5

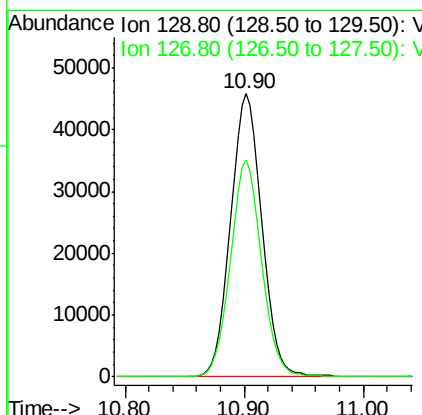
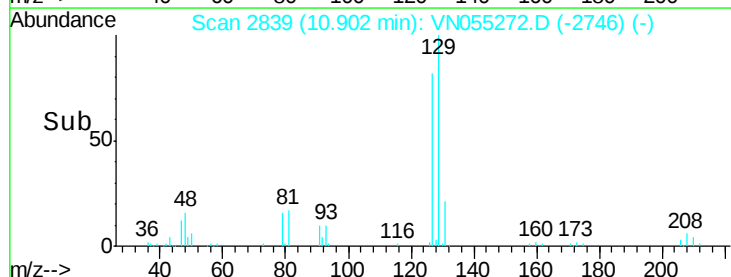
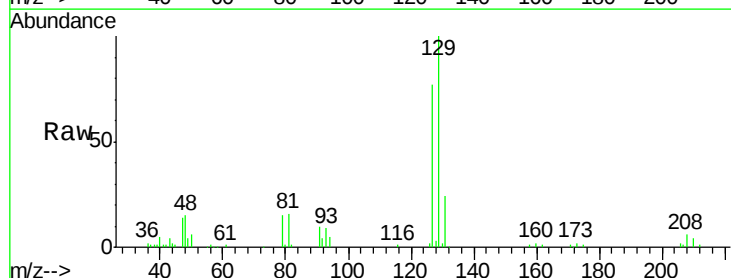
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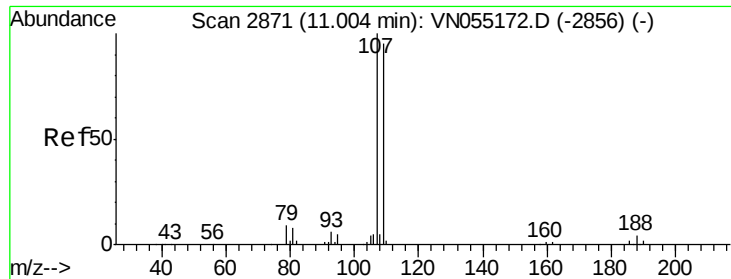
MMDadoda
4/29/2019 10:57:02 AM



#60
Dibromochloromethane
Concen: 20.992 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.3	39.0	117.0





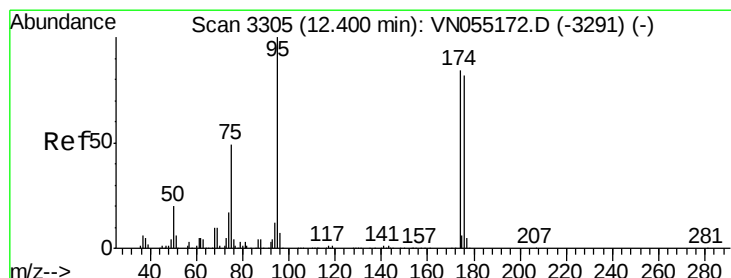
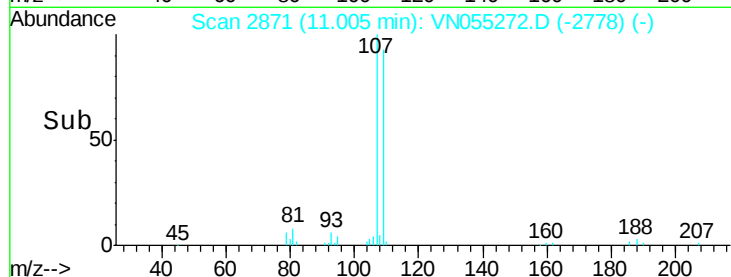
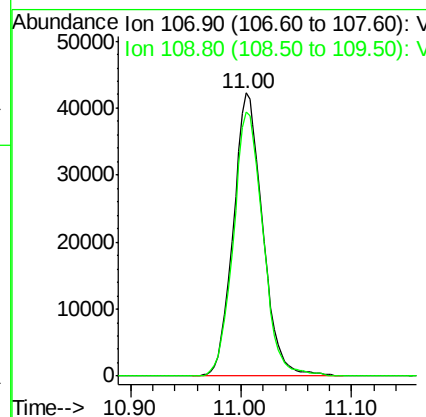
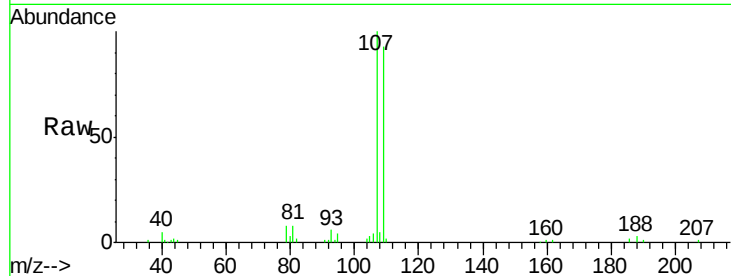
#61
 1,2-Dibromoethane
 Concen: 21.497 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN055272.D
 Acq: 26 Apr 2019 13:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0427WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		78008		
109	94.4	75.8	113.6		

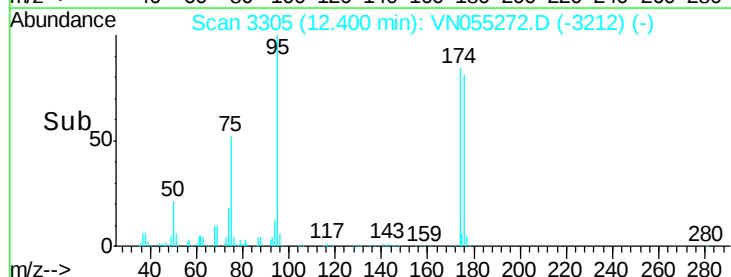
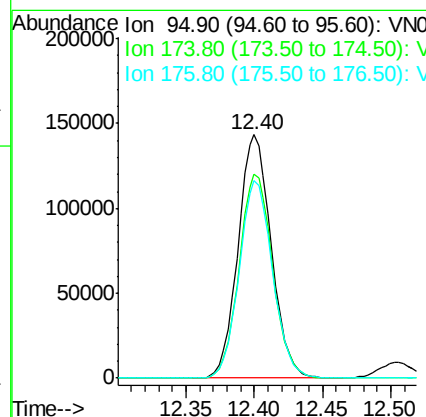
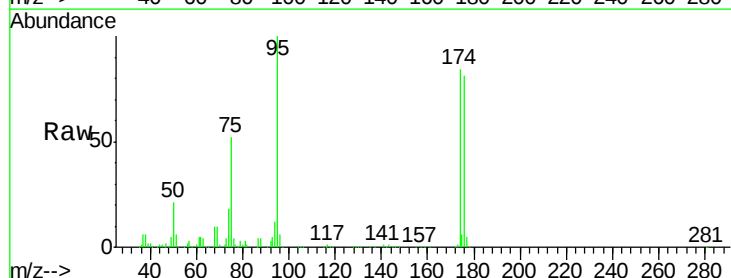
Manual Integrations
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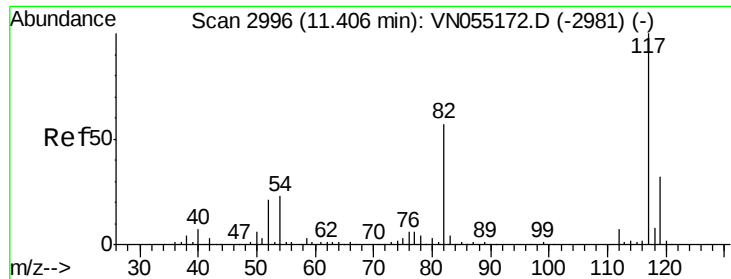
MMDadoda
 4/29/2019 10:57:02 AM



#62
 4-Bromofluorobenzene
 Concen: 48.565 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055272.D
 Acq: 26 Apr 2019 13:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		241280		
174	84.8	0.0	168.4		
176	81.9	0.0	164.0		





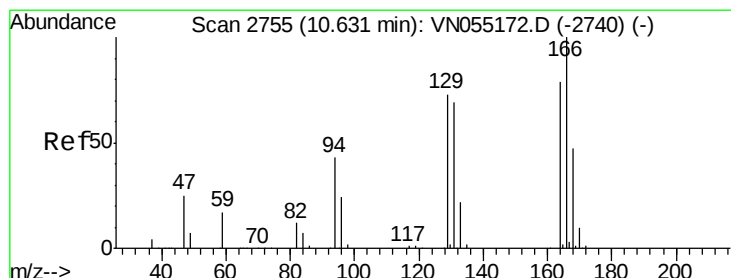
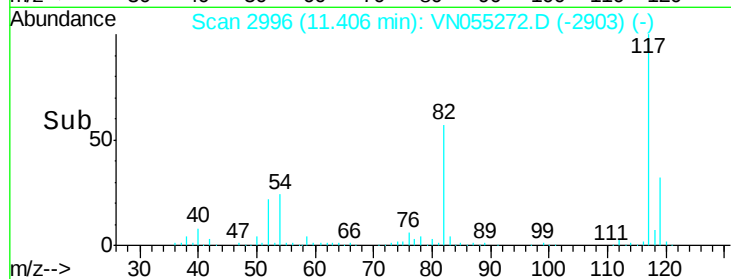
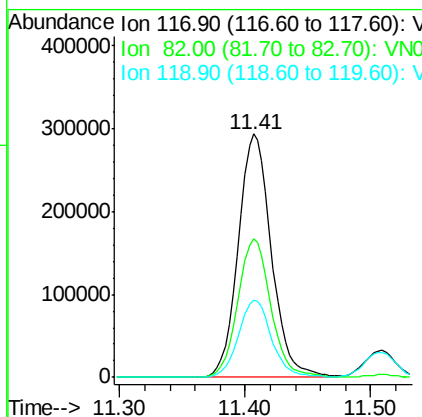
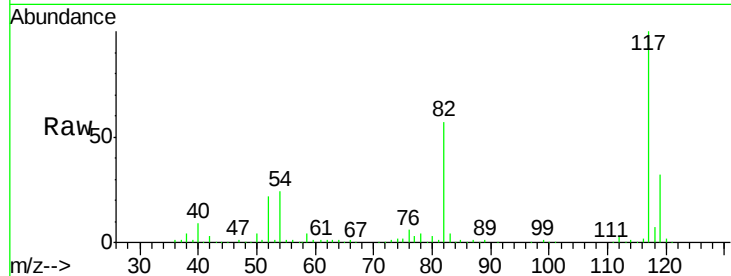
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	45.7	68.5
119	32.0	25.4	38.2

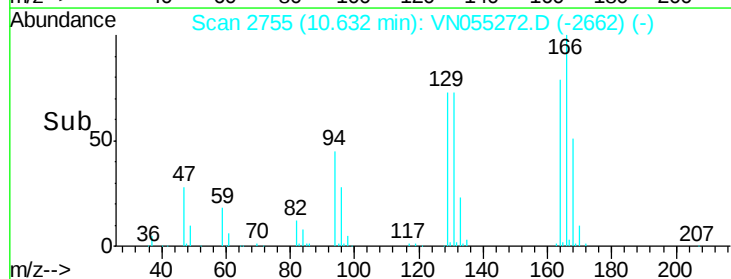
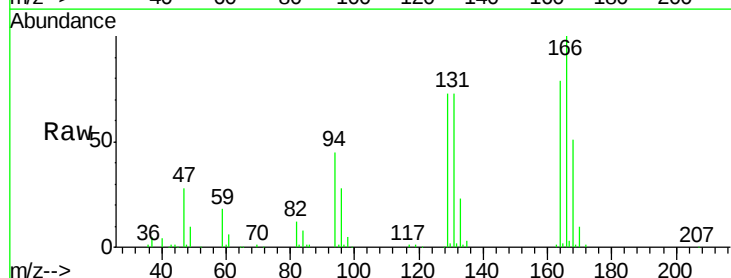
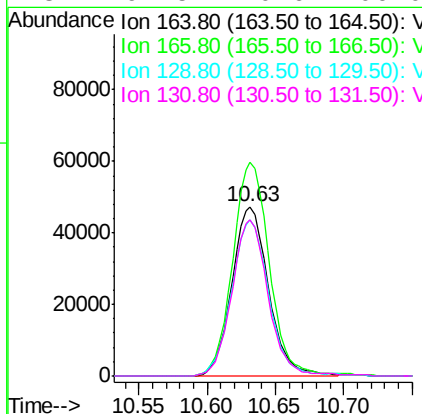
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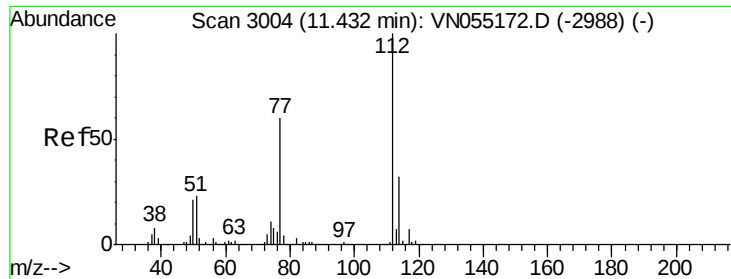
MMDadoda
4/29/2019 10:57:02 AM



#64
Tetrachloroethene
Concen: 20.055 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.2	101.9	152.9
129	92.0	74.1	111.1
131	92.5	70.6	106.0





#65

Chlorobenzene

Concen: 20.085 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampled :

VN0427WBS01

Tot Ion:112 Resp: 220938

Ion Ratio Lower Upper

112 100

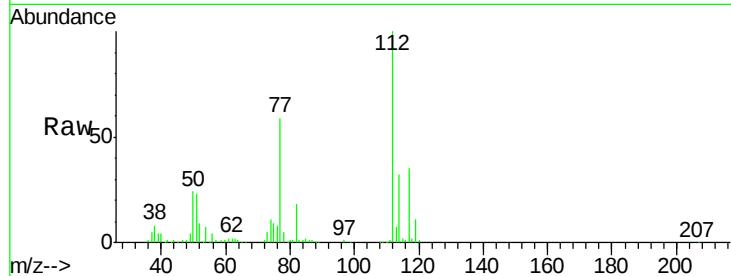
114 31.9 25.4 38.0

Manual Integrations

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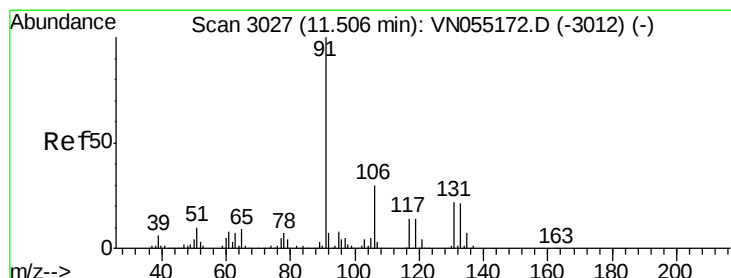
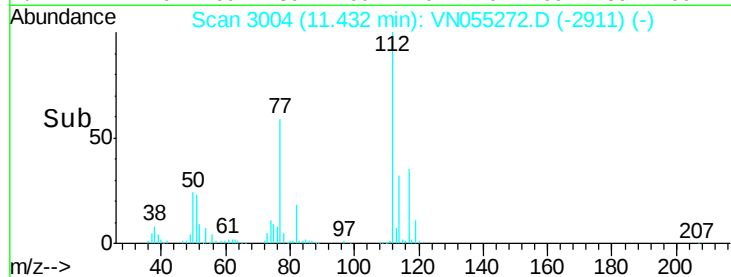
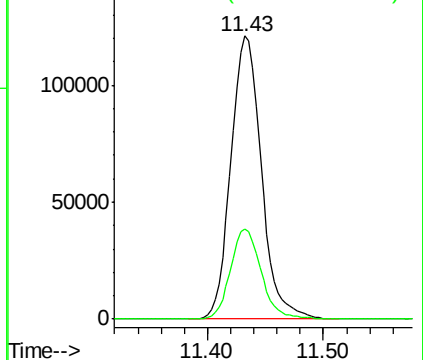
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.561 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

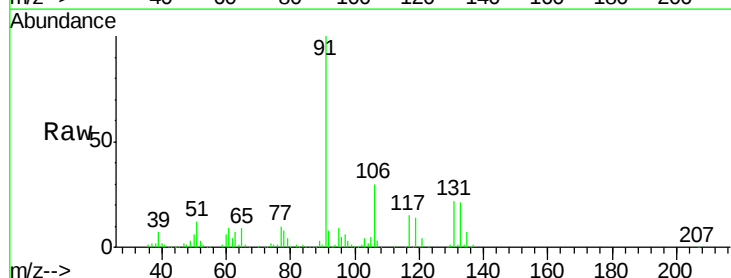
Tgt Ion:131 Resp: 83825

Ion Ratio Lower Upper

131 100

133 95.2 47.7 143.1

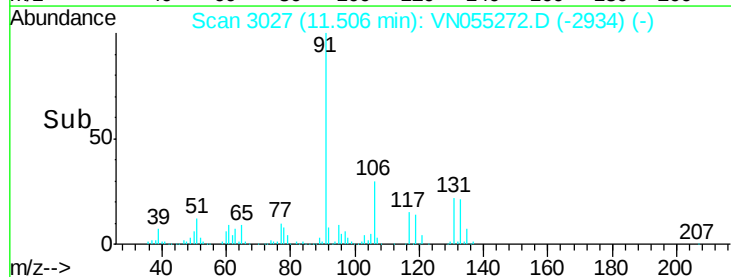
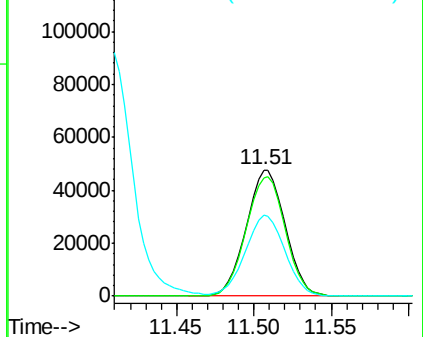
119 65.5 33.2 99.6

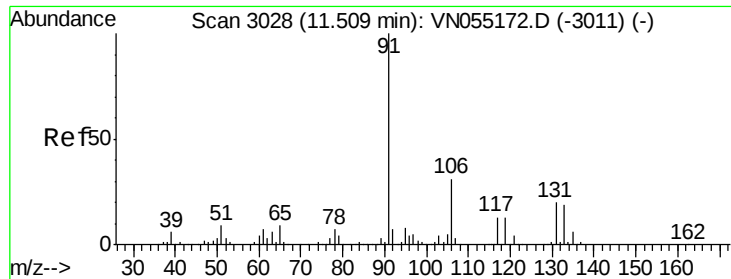


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





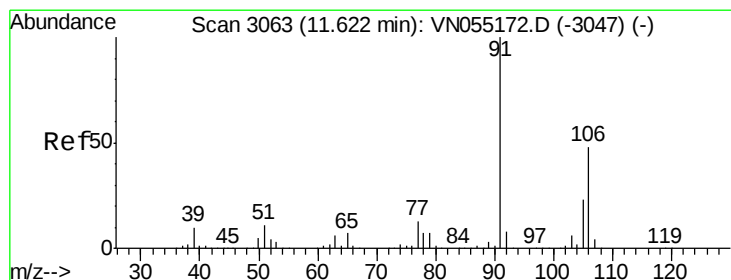
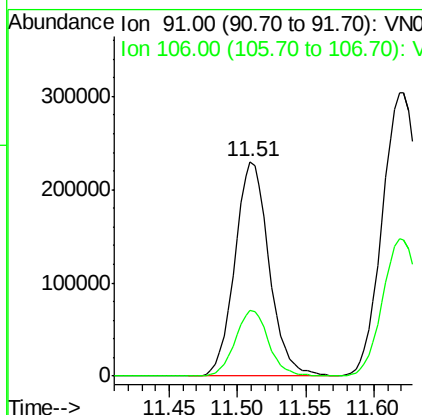
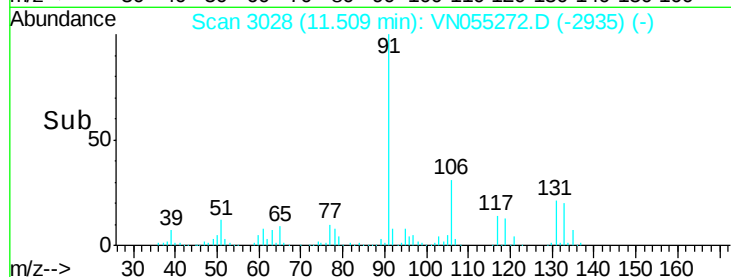
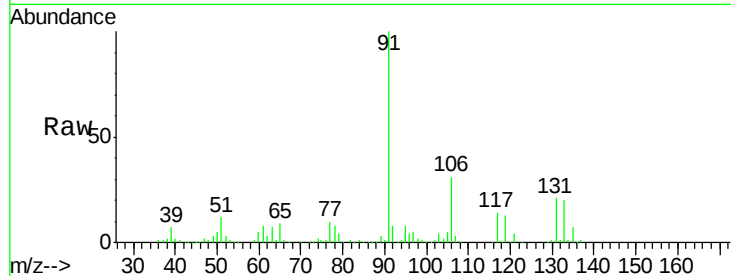
#67
Ethyl Benzene
Concen: 20.480 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

Tot Ion: 91 Resp: 401294
Ion Ratio Lower Upper
91 100
106 30.6 24.5 36.7

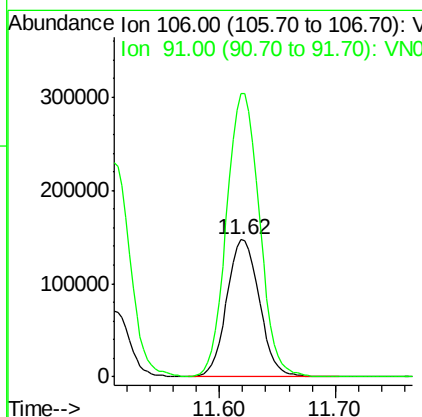
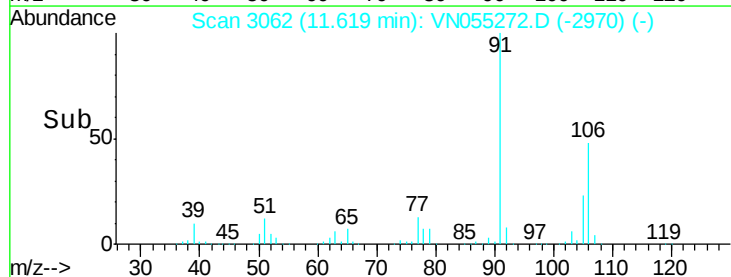
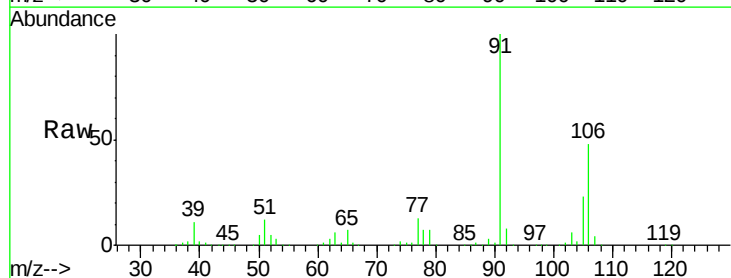
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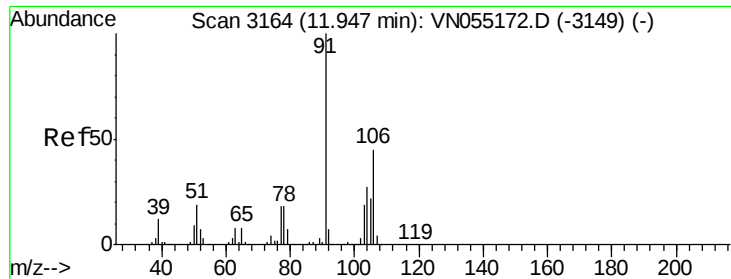
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#68
m/p-Xylenes
Concen: 40.889 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion: 106 Resp: 287358
Ion Ratio Lower Upper
106 100
91 208.5 167.1 250.7





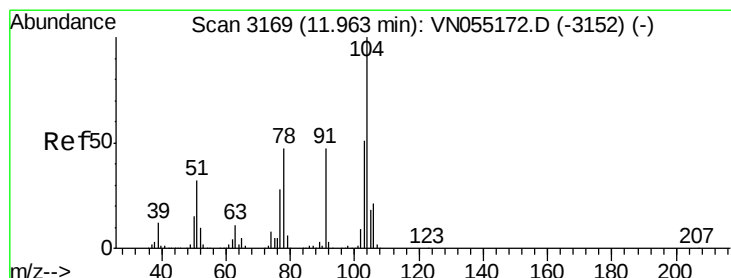
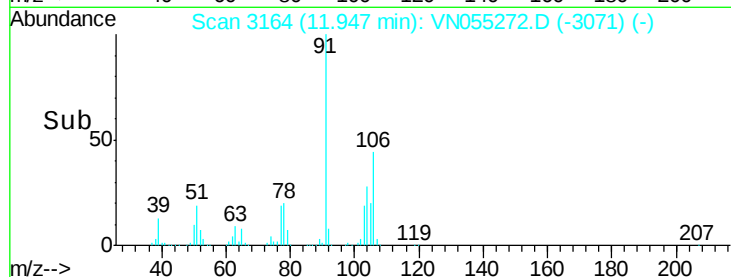
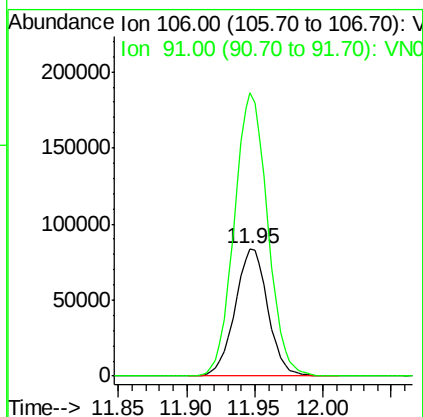
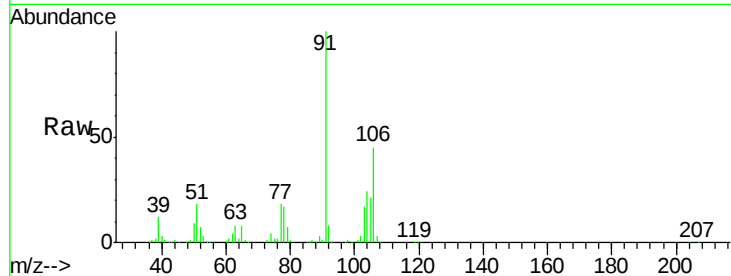
#69
o-Xylene
Concen: 19.972 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

Tot Ion:106 Resp: 139294
Ion Ratio Lower Upper
106 100
91 227.1 110.6 331.8

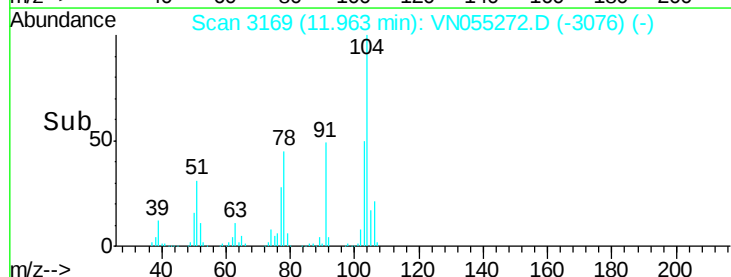
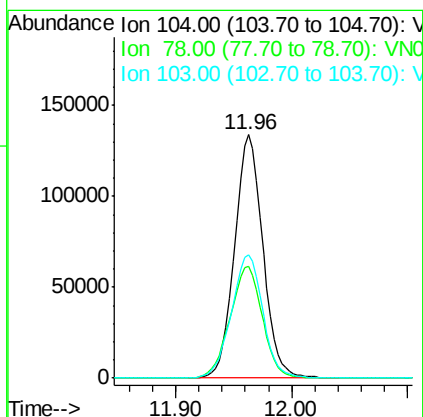
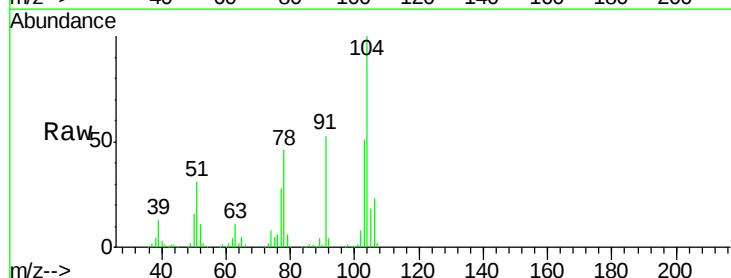
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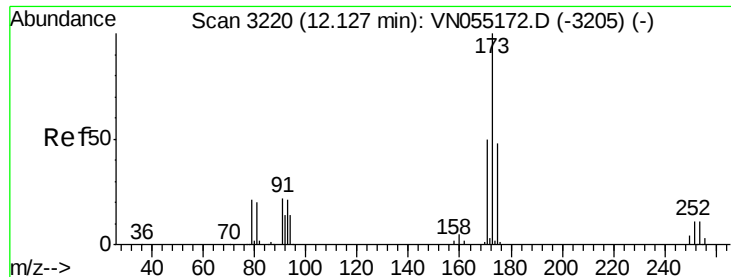
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#70
Styrene
Concen: 20.854 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion:104 Resp: 225449
Ion Ratio Lower Upper
104 100
78 52.5 41.3 61.9
103 56.3 44.2 66.4





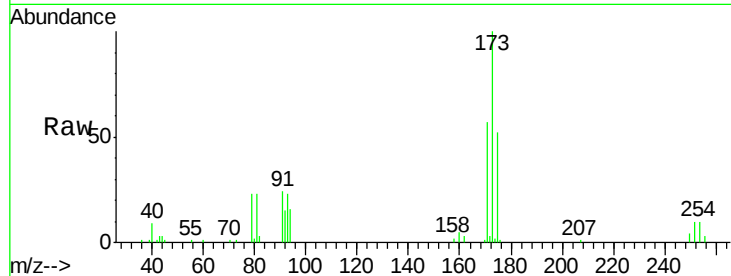
#71
Bromoform
Concen: 20.014 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

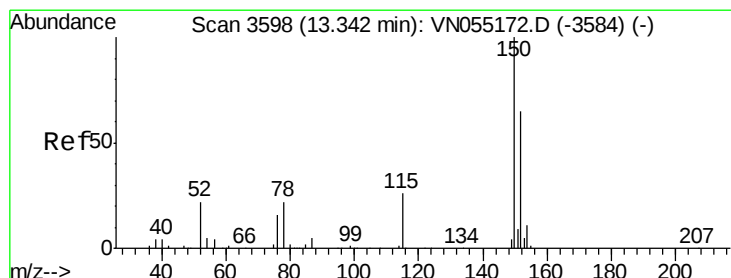
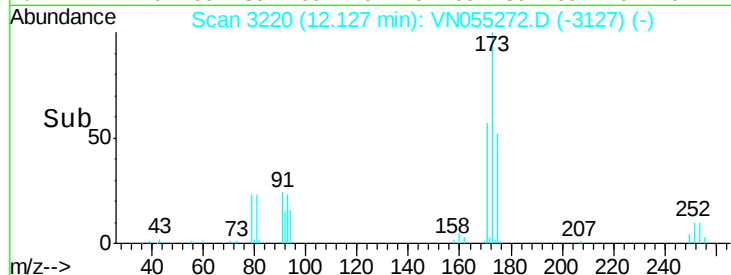
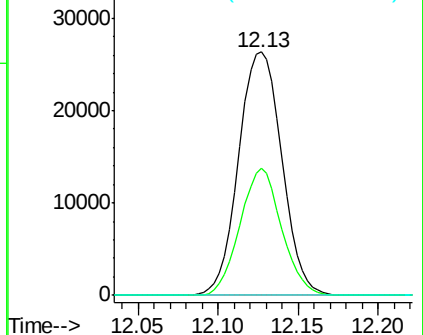
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.0	23.8	71.2
254	0.0	0.1	0.1#

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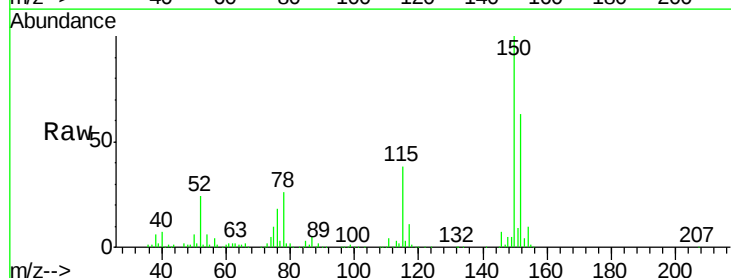


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

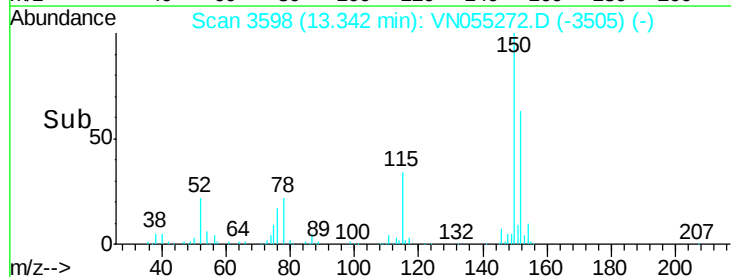
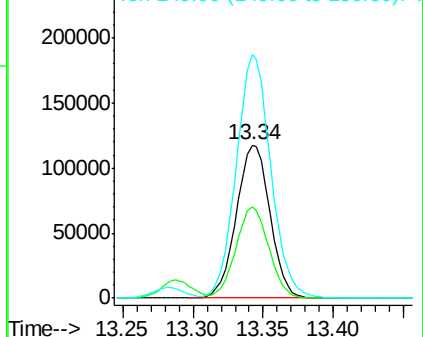


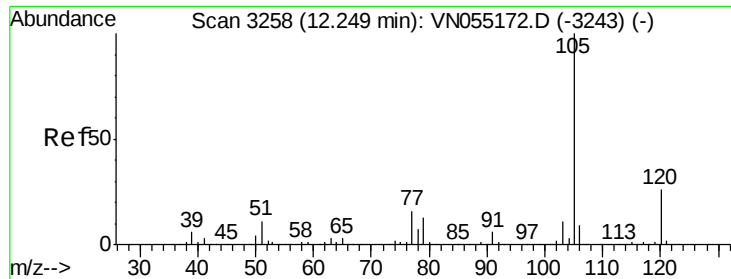
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	28.9	86.7
150	163.4	0.0	346.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.599 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBS01

Tot Ion: 105 Resp: 376510

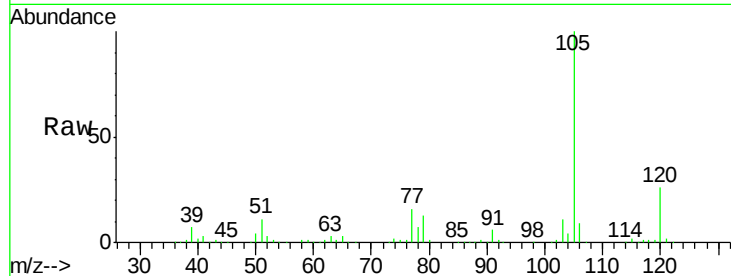
Ion Ratio Lower Upper

105 100

120 25.8 13.1 39.1

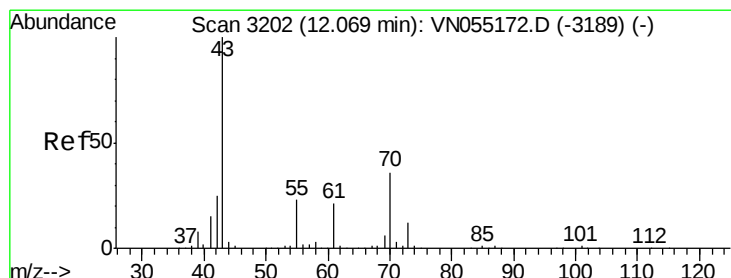
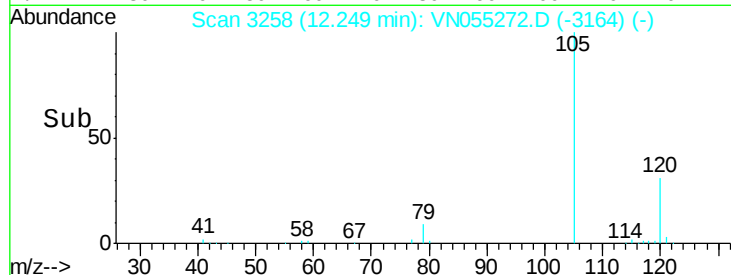
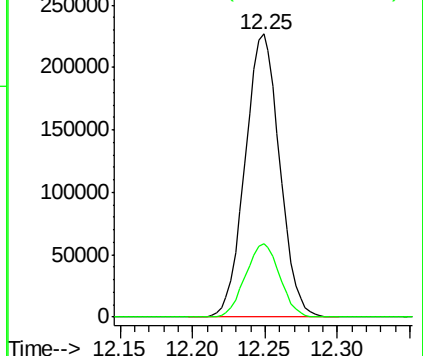
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.355 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Tgt Ion: 43 Resp: 113305

Ion Ratio Lower Upper

43 100

70 35.7 29.0 43.6

55 23.6 18.5 27.7

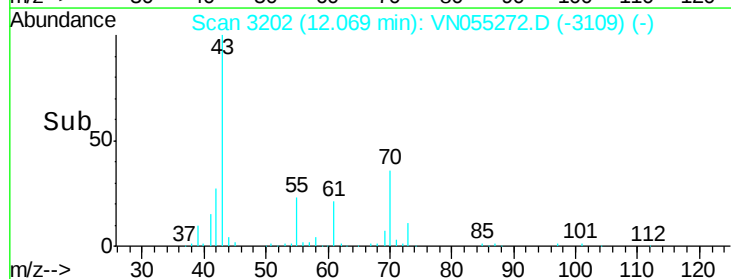
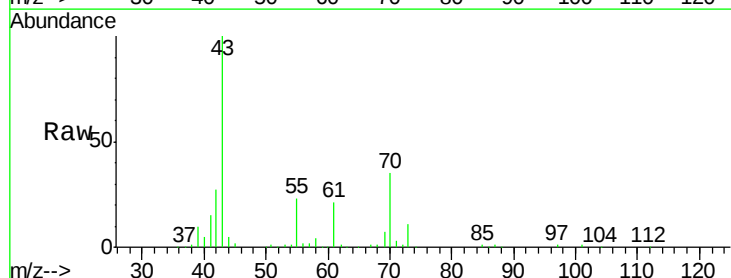
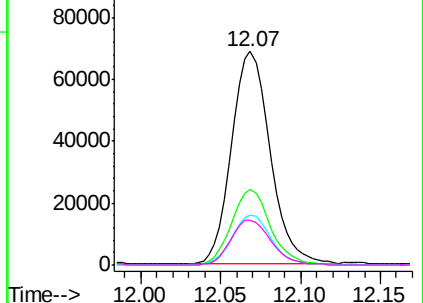
61 22.1 17.0 25.4

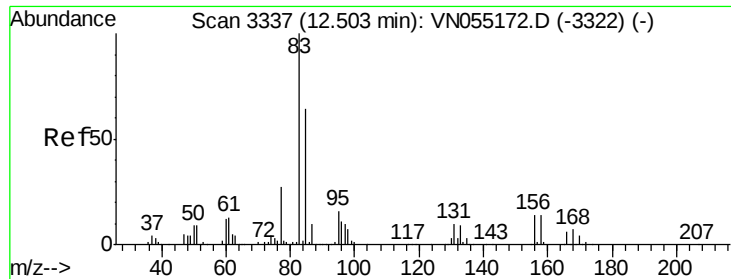
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 24.380 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

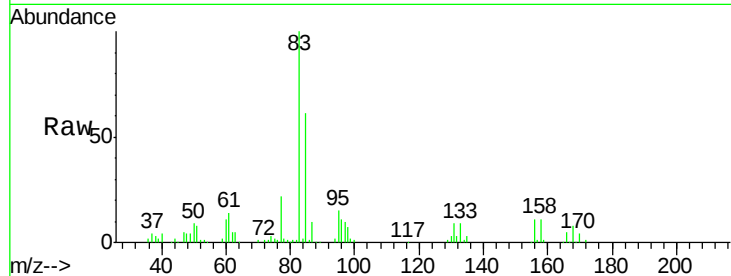
ClientSampleId :

VN0427WBS01

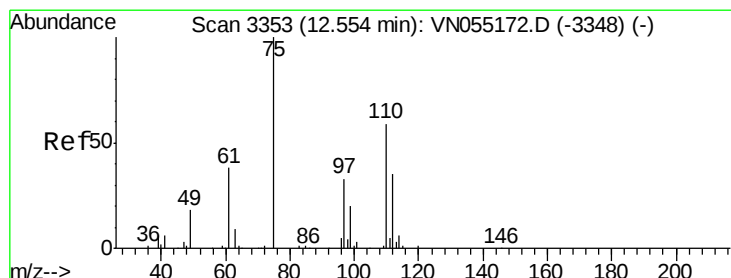
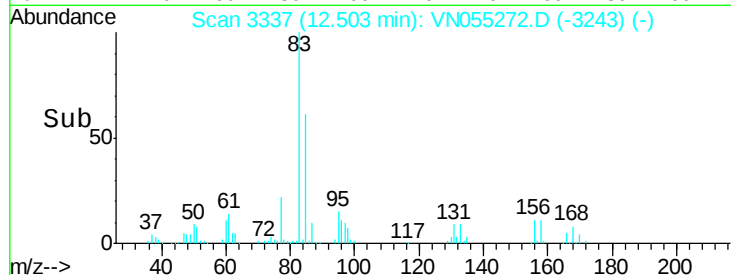
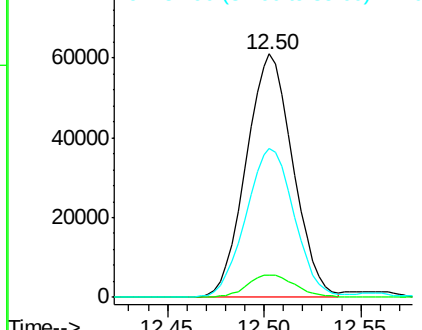
Tot Ion:	83	Resp:	102473
Ion Ratio	Lower	Upper	
83	100		
131	9.4	5.0	15.0
85	63.3	32.1	96.3

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN055272.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 21.849 ug/l m

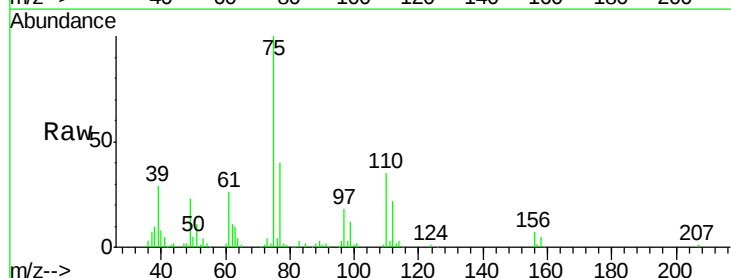
RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

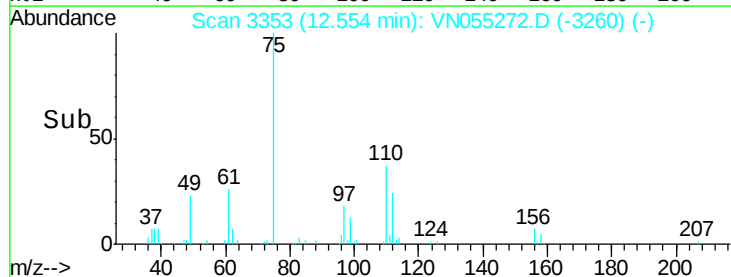
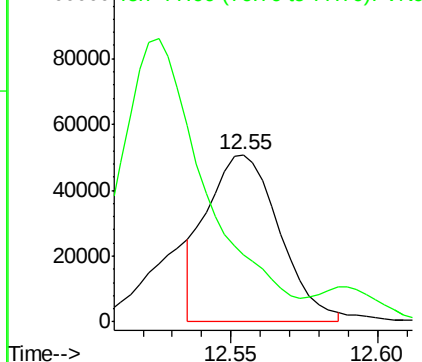
Lab File: VN055272.D

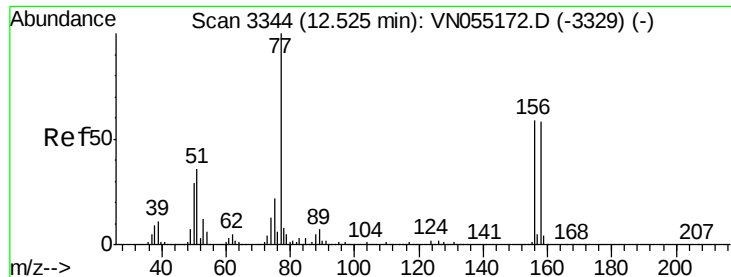
Acq: 26 Apr 2019 13:34

Tgt Ion:	75	Resp:	87142
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055272.D (-3260) (-)





#77

Bromobenzene

Concen: 20.510 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

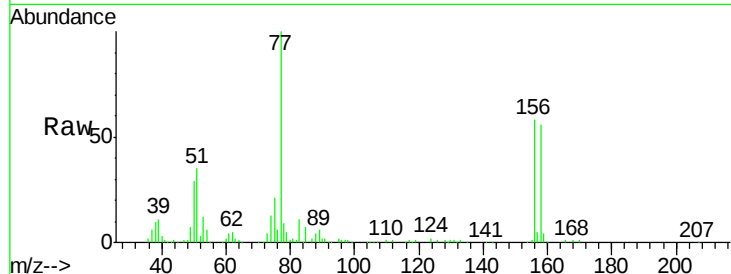
ClientSampleId :

VN0427WBS01

Tot Ion:	156	Resp:	89016
Ion Ratio	Lower	Upper	
156	100		
77	198.9	98.0	293.9
158	96.4	48.9	146.8

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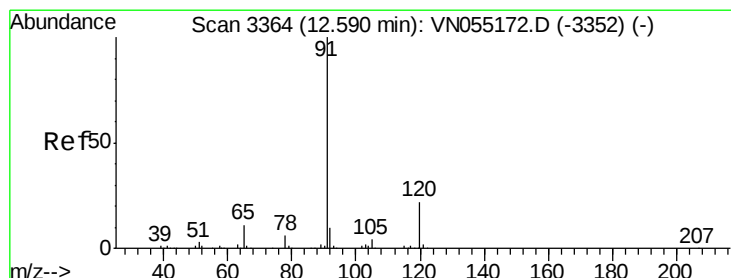
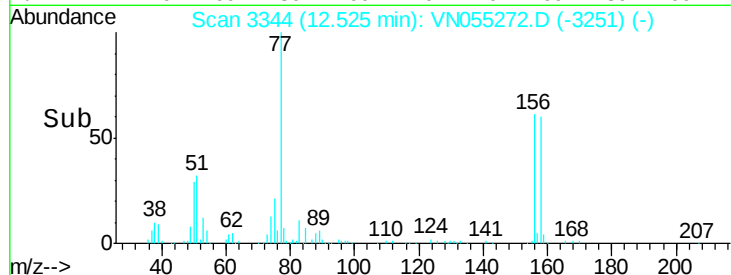
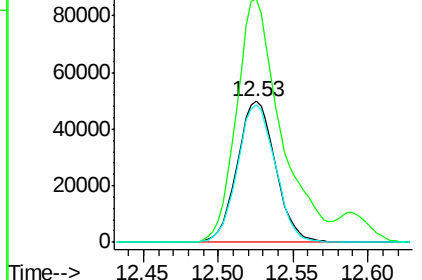
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.128 ug/l

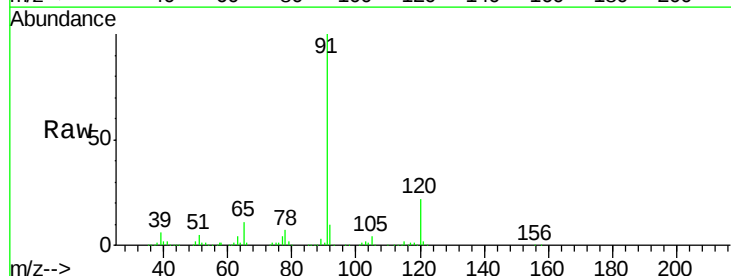
RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055272.D

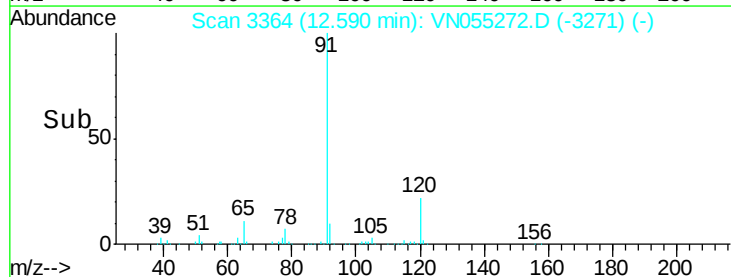
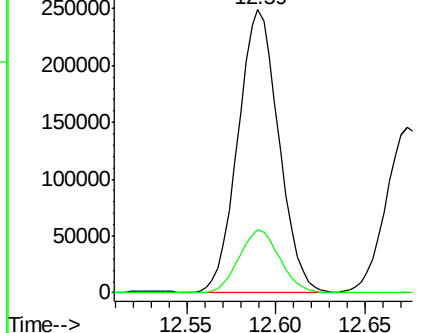
Acq: 26 Apr 2019 13:34

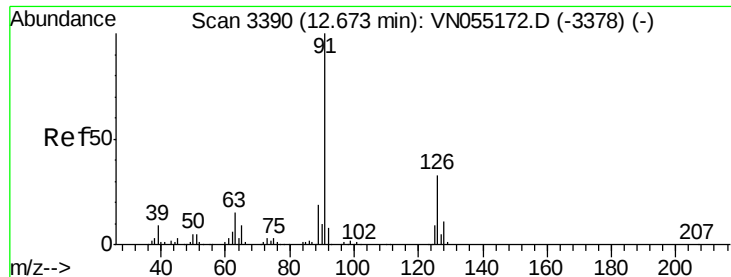
Tgt Ion:	91	Resp:	396837
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.3	33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.898 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBS01

Tot Ion: 91 Resp: 247723

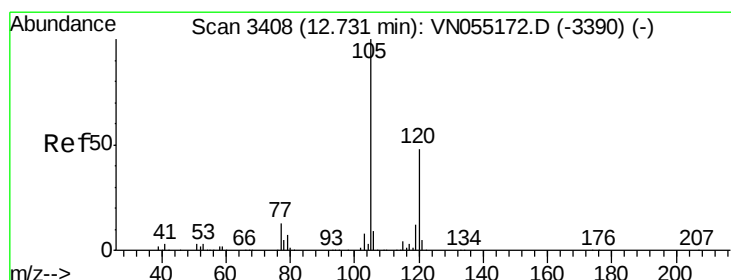
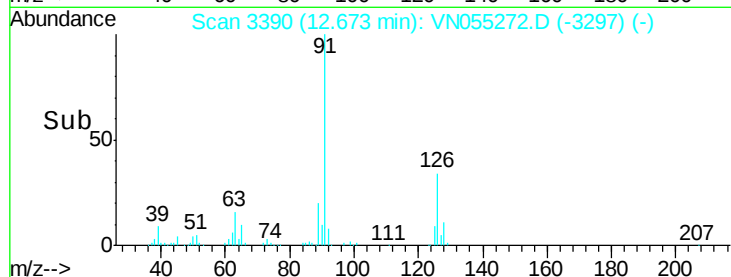
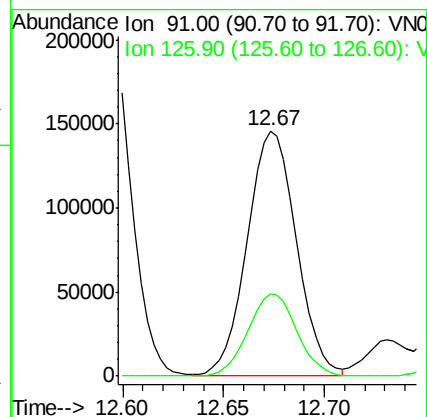
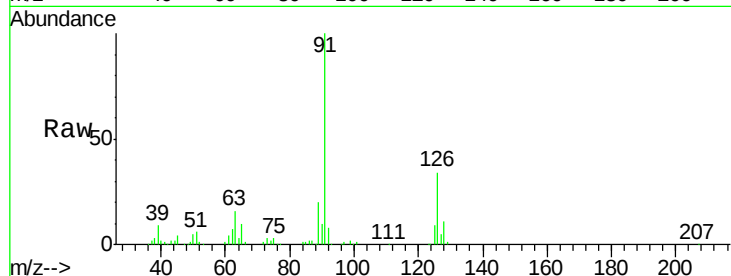
Ion Ratio Lower Upper

91 100

126 33.5 16.8 50.3

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#80

1,3,5-Trimethylbenzene

Concen: 20.340 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055272.D

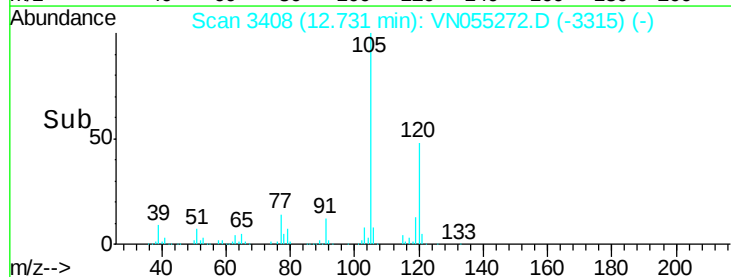
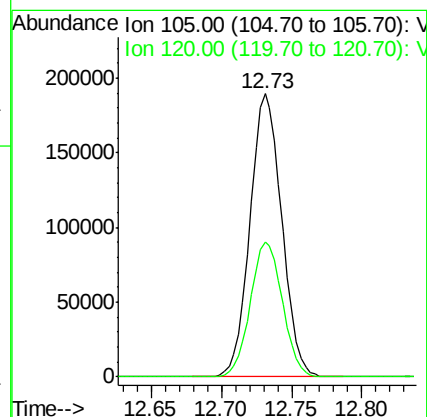
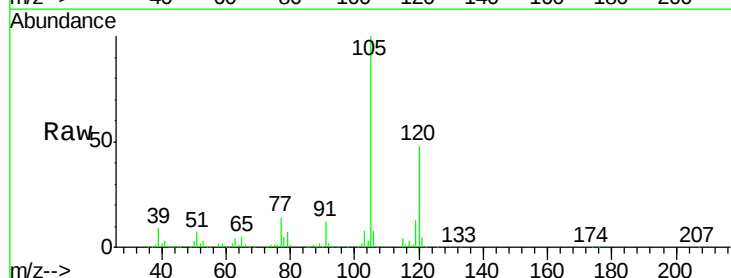
Acq: 26 Apr 2019 13:34

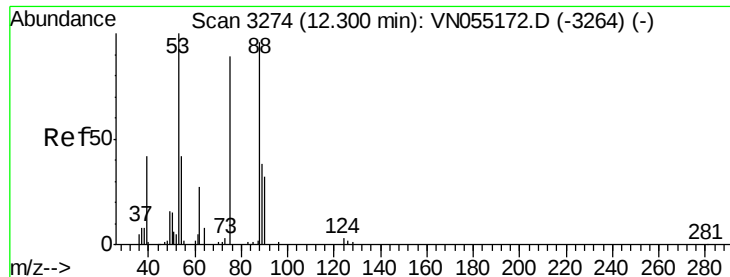
Tgt Ion: 105 Resp: 299345

Ion Ratio Lower Upper

105 100

120 48.3 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 20.440 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

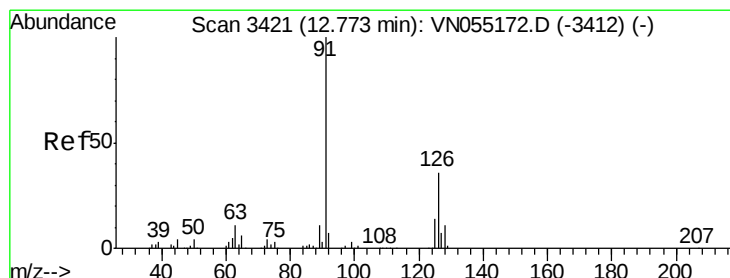
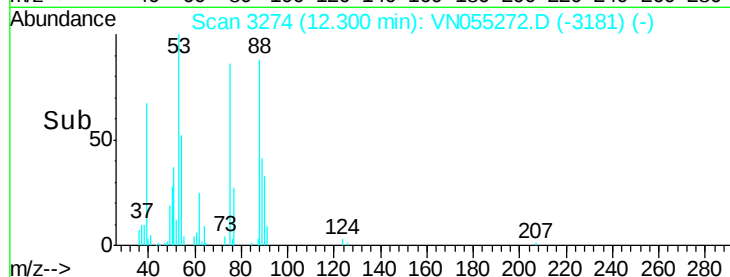
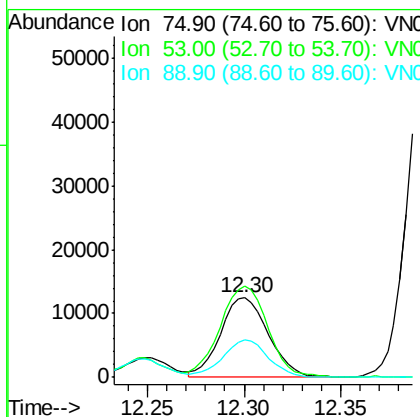
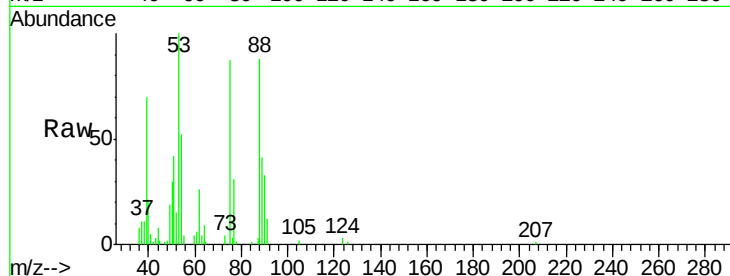
ClientSampleId :

VN0427WBS01

Tot Ion:	75	Resp:	21505
Ion	Ratio	Lower	Upper
75	100		
53	115.5	90.1	135.1
89	44.0	36.7	55.1

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#82

4-Chlorotoluene

Concen: 20.381 ug/l

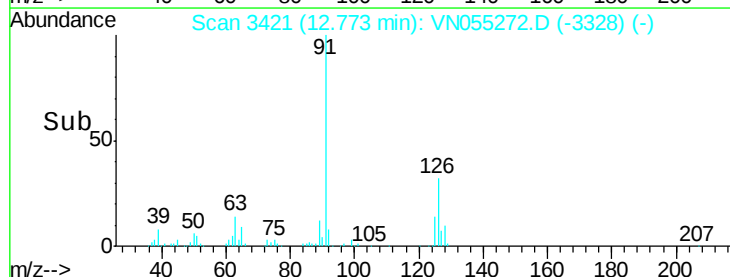
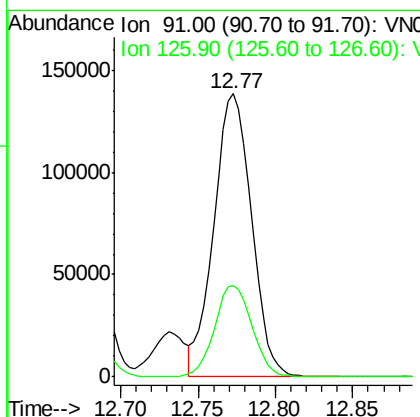
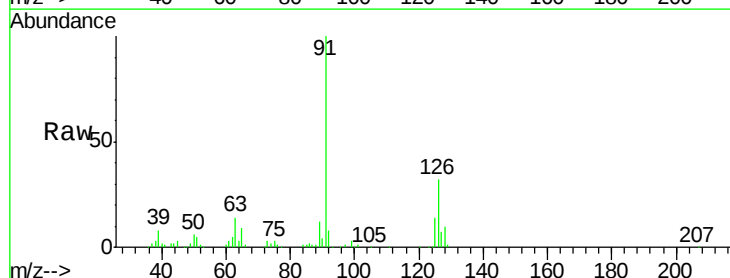
RT: 12.77 min Scan# 3421

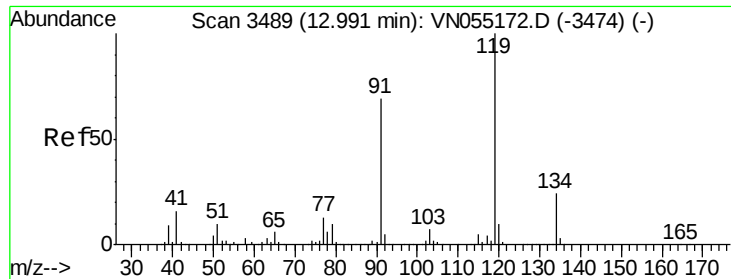
Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Tgt Ion:	91	Resp:	233447
Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.5	49.5





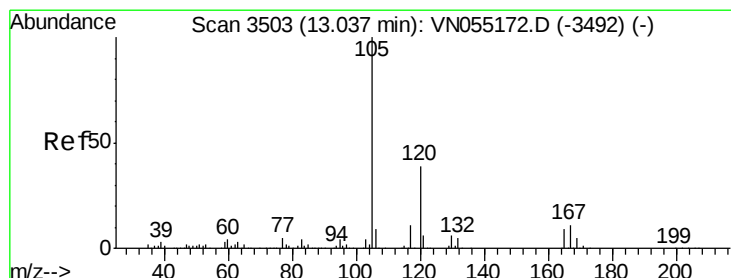
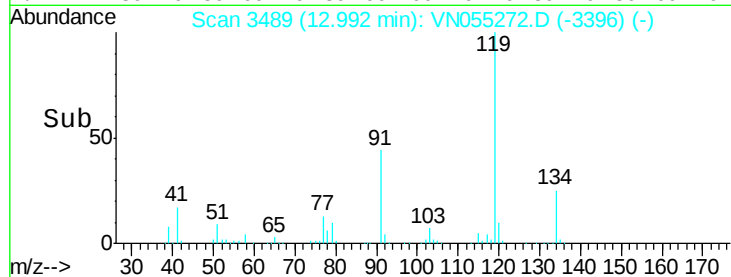
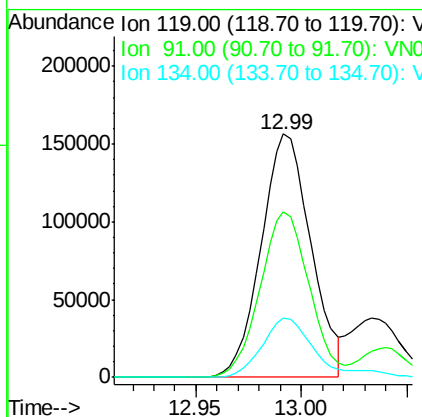
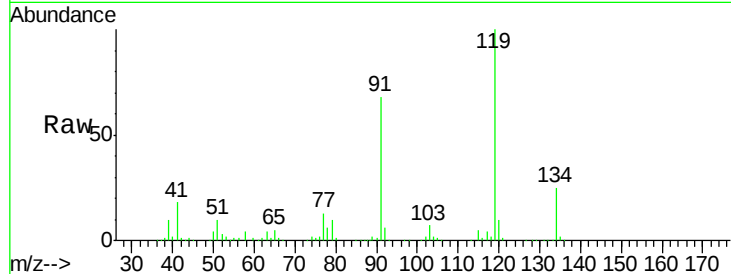
#83
tert-Butylbenzene
Concen: 21.990 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.2	33.8	101.3
134	26.3	13.2	39.5

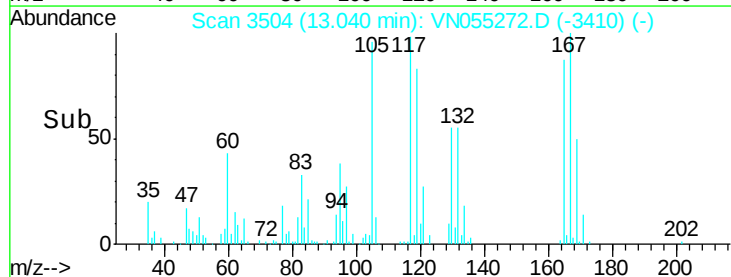
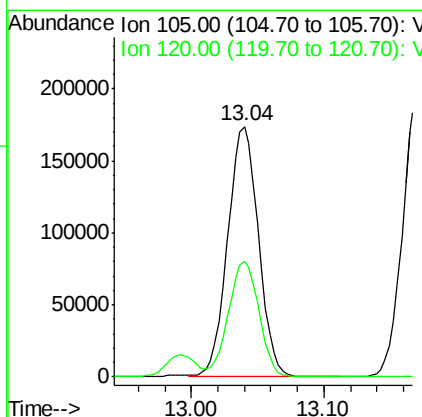
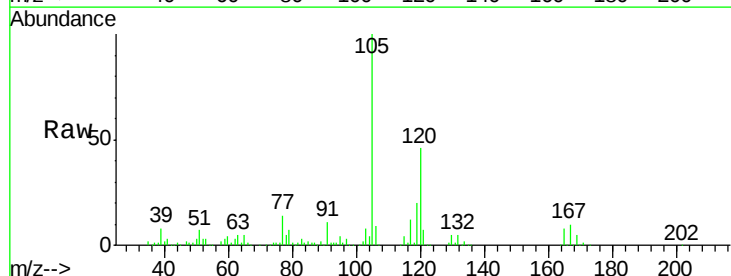
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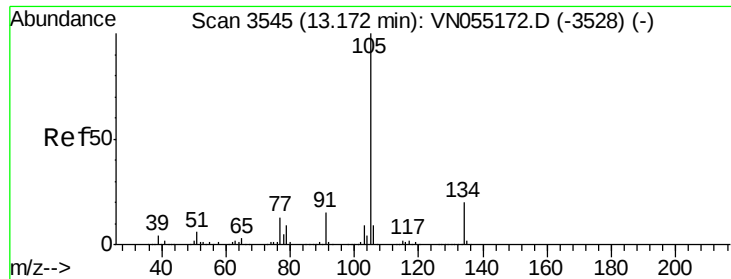
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#84
1,2,4-Trimethylbenzene
Concen: 20.050 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.7	68.1





#85

sec-Butylbenzene

Concen: 19.309 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBS01

Tot Ion:105 Resp: 321477

Ion Ratio Lower Upper

105 100

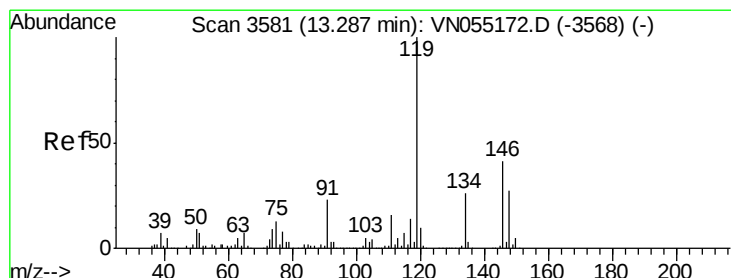
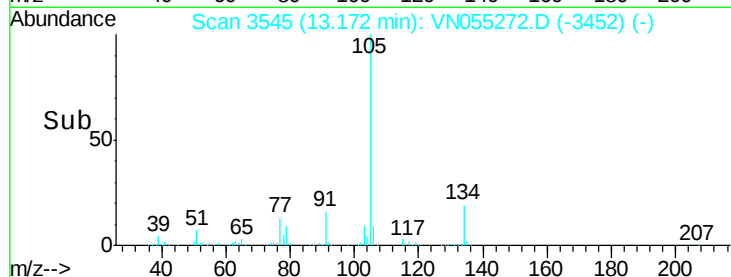
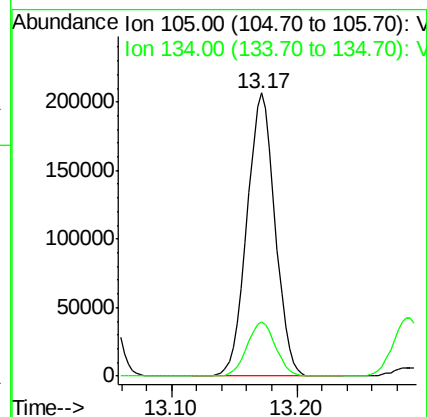
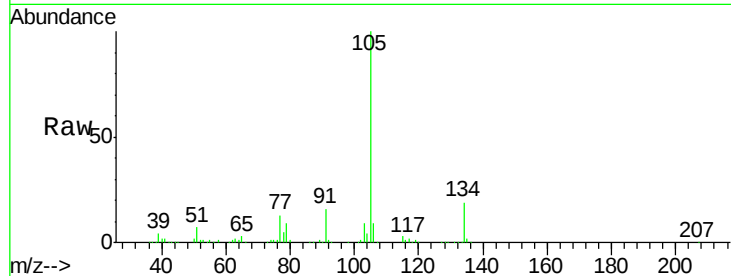
134 19.2 10.0 30.0

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#86

p-Isopropyltoluene

Concen: 19.653 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

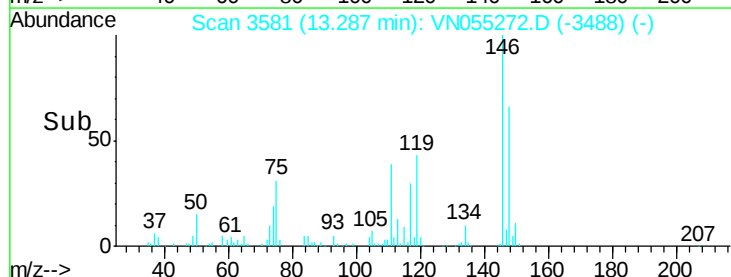
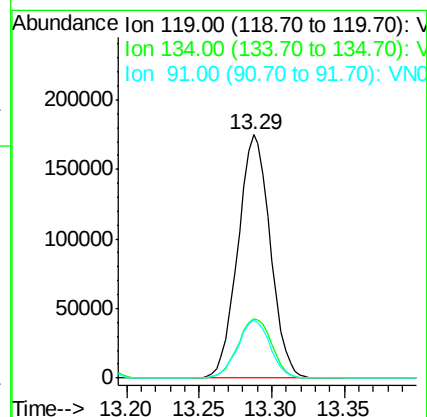
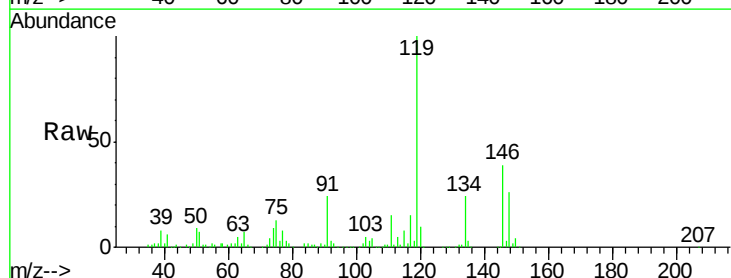
Tgt Ion:119 Resp: 269575

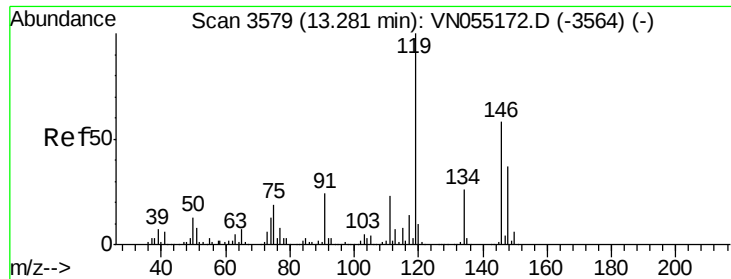
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

91 24.1 11.8 35.3





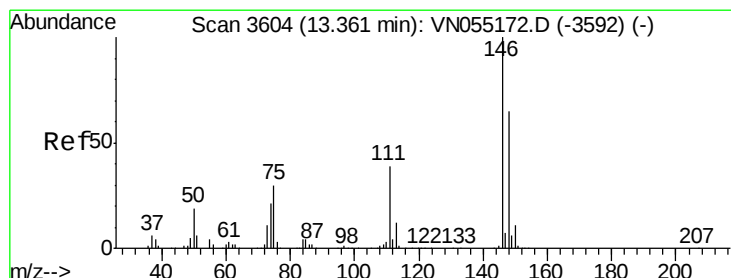
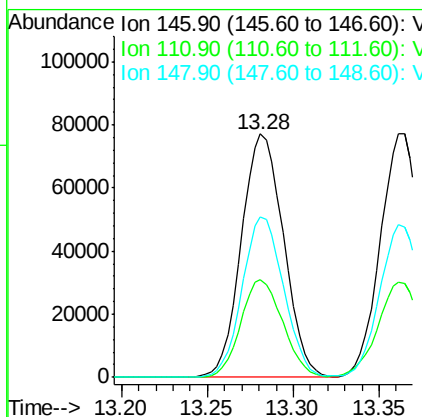
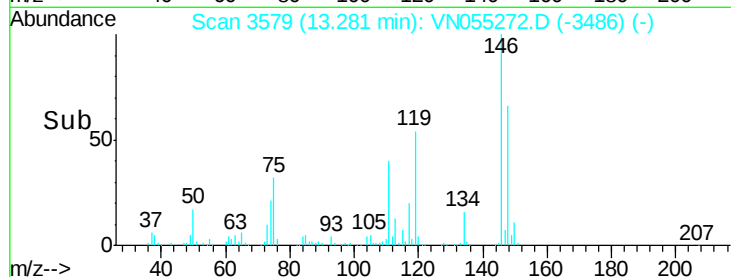
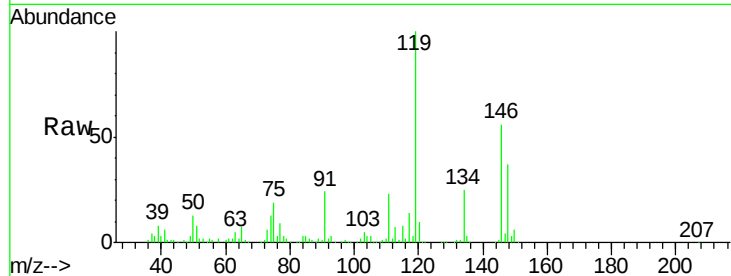
#87
 1,3-Dichlorobenzene
 Concen: 19.772 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055272.D
 Acq: 26 Apr 2019 13:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0427WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.7	59.1
148	64.7	32.0	96.0

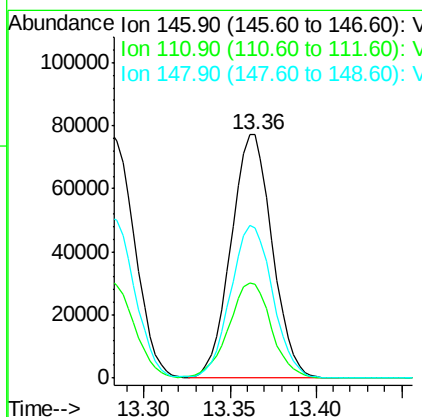
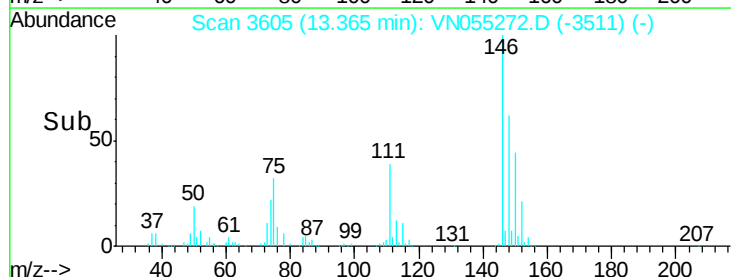
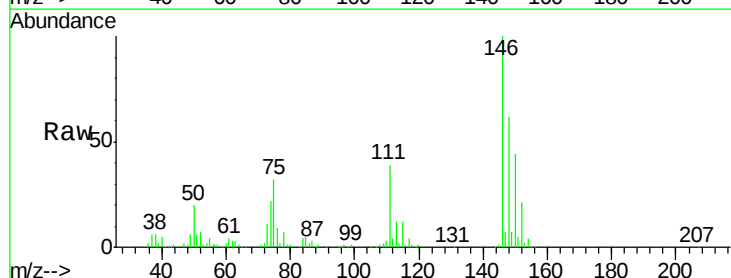
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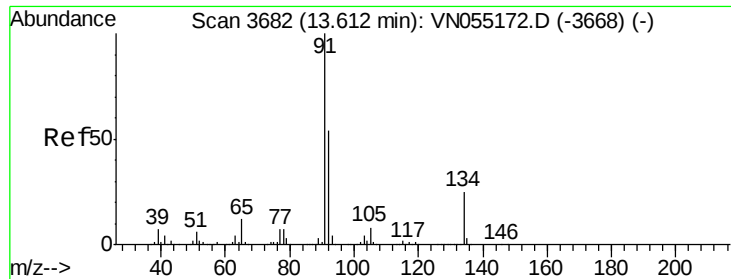
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#88
 1,4-Dichlorobenzene
 Concen: 19.792 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN055272.D
 Acq: 26 Apr 2019 13:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.4	58.2
148	64.4	32.9	98.6





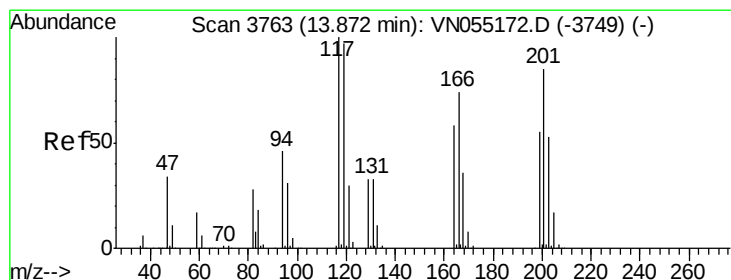
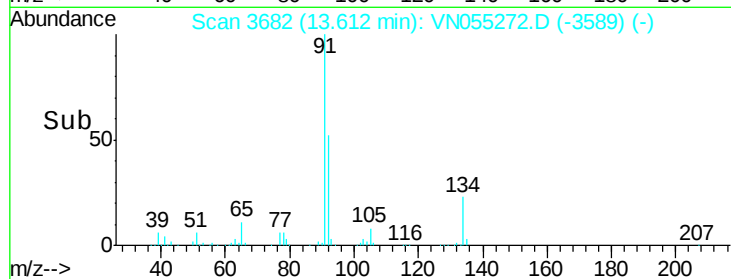
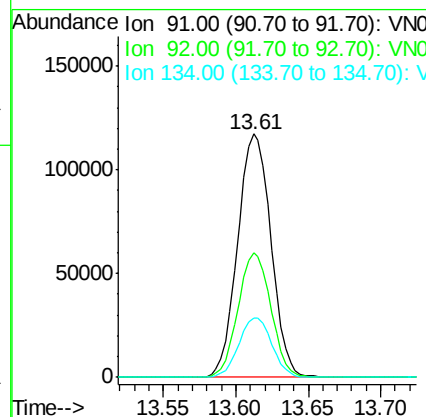
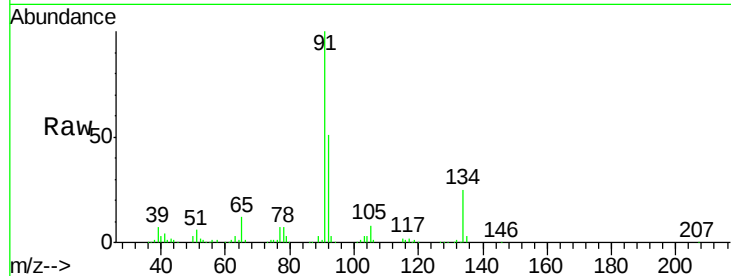
#89
n-Butylbenzene
Concen: 18.404 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.3	26.4	79.2
134	24.2	12.8	38.4

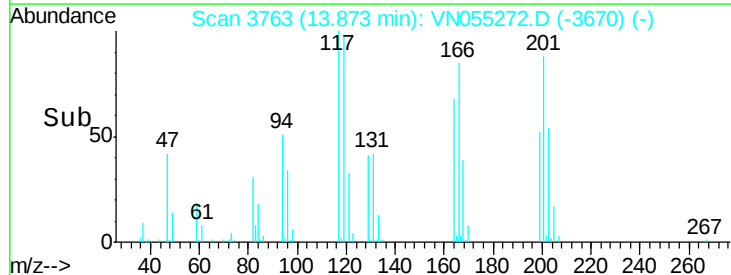
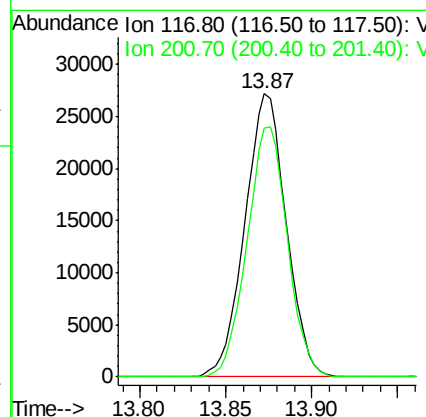
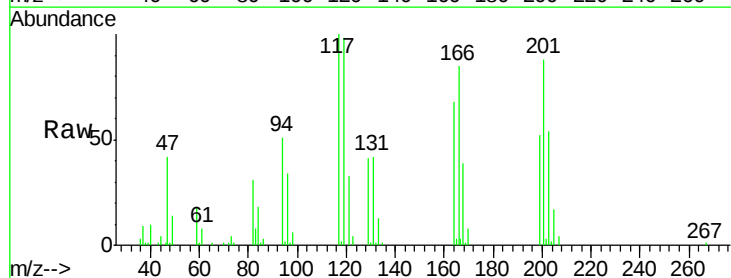
Manual Integrations
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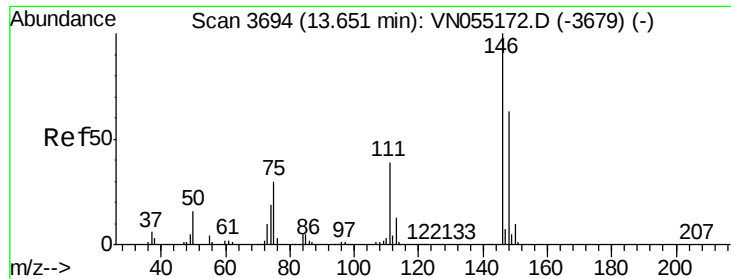
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#90
Hexachloroethane
Concen: 18.629 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055272.D
Acq: 26 Apr 2019 13:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.1	43.1	129.4





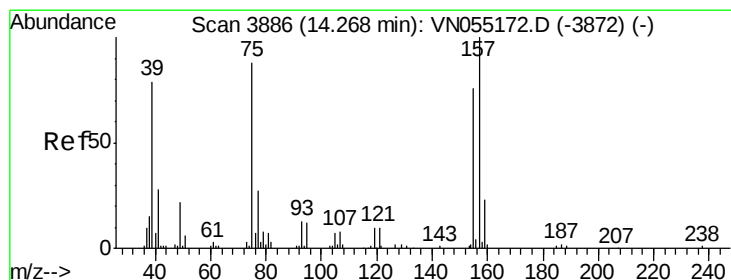
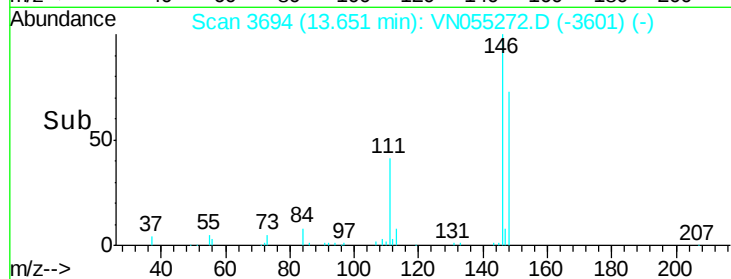
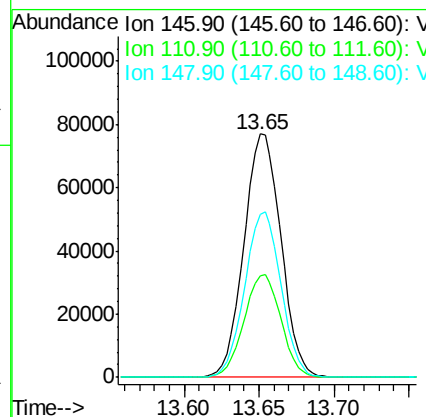
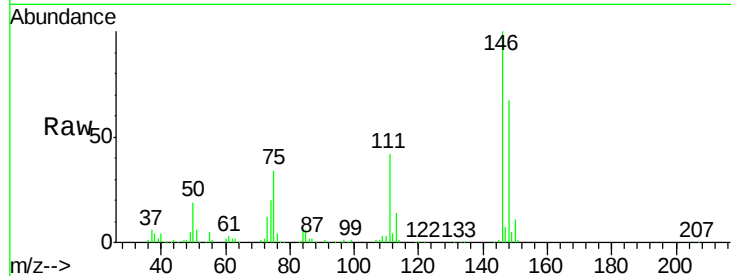
#91
 1,2-Dichlorobenzene
 Concen: 19.429 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN055272.D
 Acq: 26 Apr 2019 13:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0427WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	19.8	59.3
148	66.5	31.7	95.1

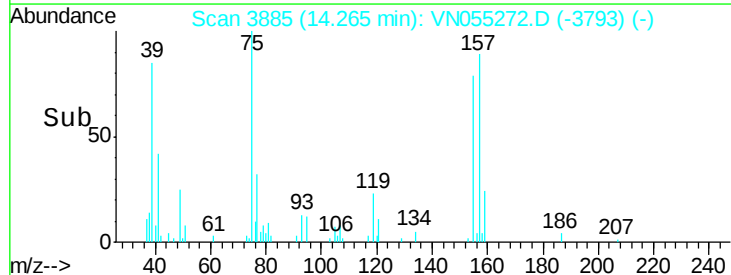
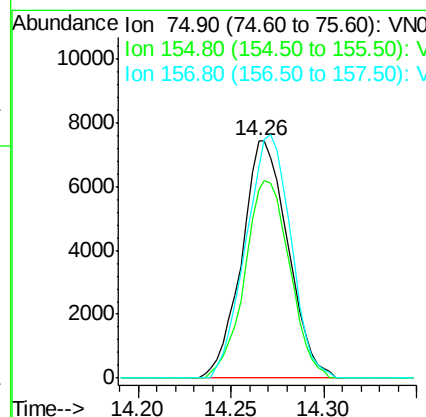
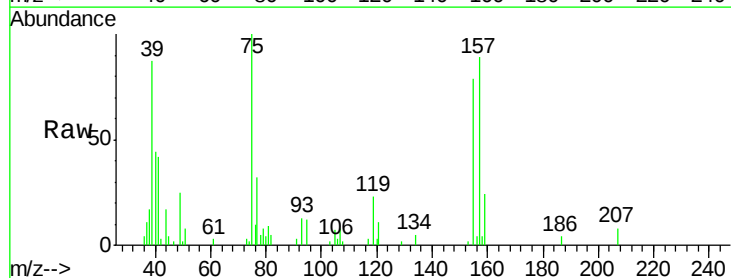
Manual Integrations
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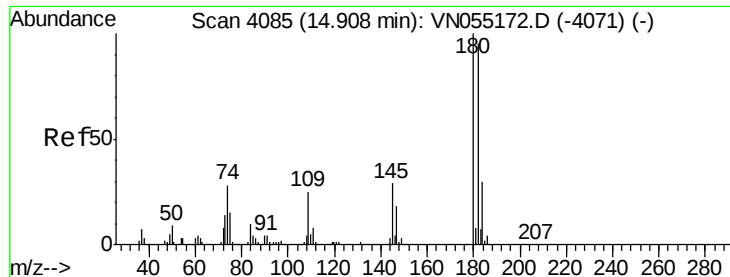
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.586 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VN055272.D
 Acq: 26 Apr 2019 13:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.9	43.0	129.0
157	99.9	55.7	167.1





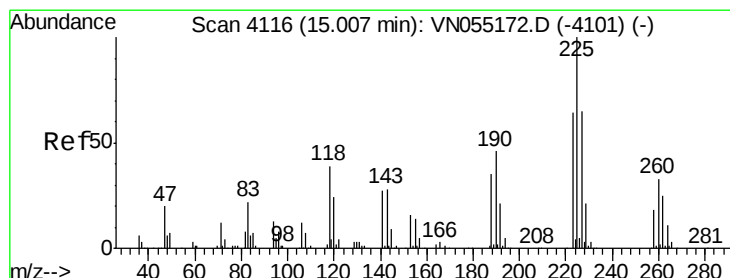
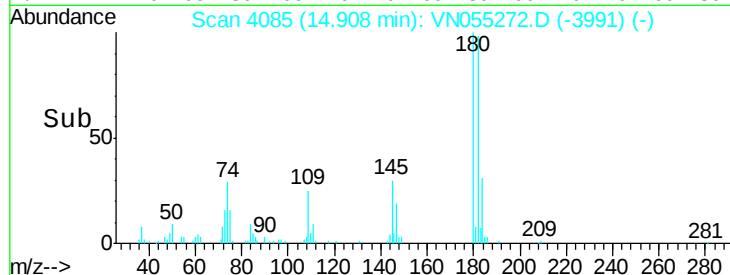
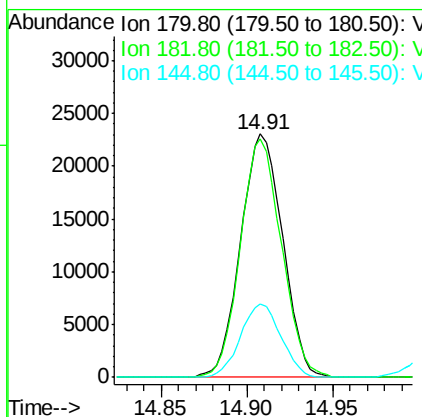
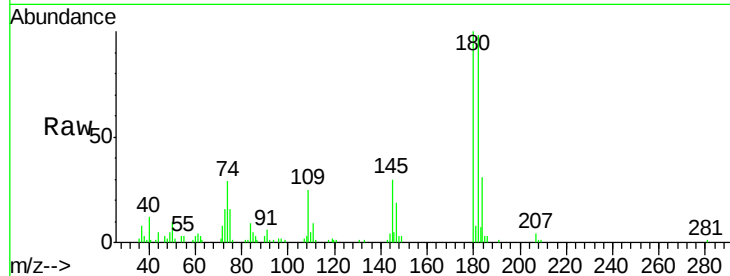
#93
 1,2,4-Trichlorobenzene
 Concen: 15.502 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055272.D
 Acq: 26 Apr 2019 13:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0427WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	39038		
182	95.8	47.8	143.4	
145	29.1	14.5	43.5	

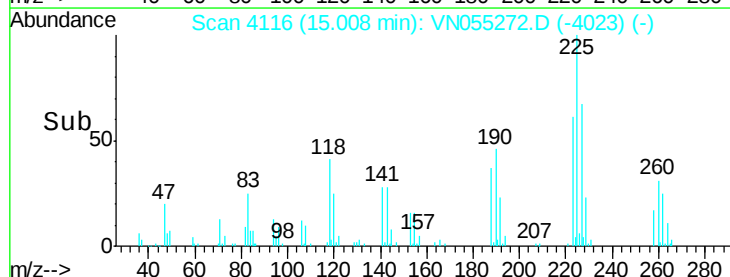
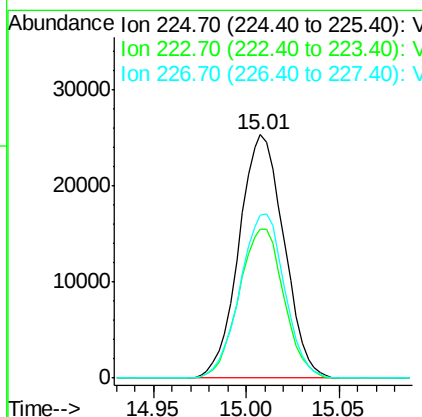
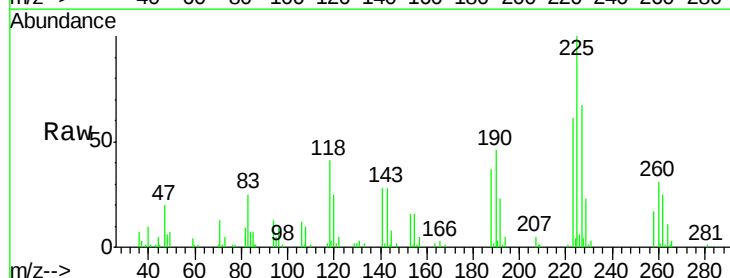
Manual Integrations
 APPROVED

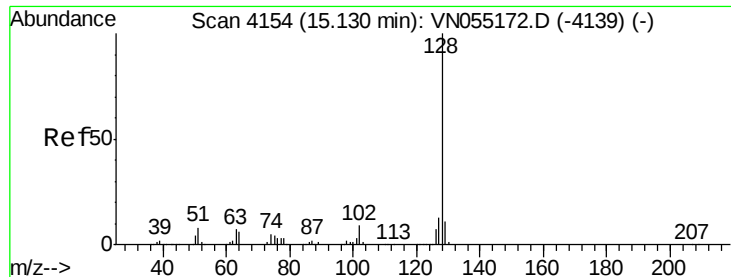
MMDadoda
 4/29/2019 10:57:02 AM



#94
 Hexachlorobutadiene
 Concen: 19.968 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055272.D
 Acq: 26 Apr 2019 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	42551		
223	61.2	32.2	96.6	
227	67.0	32.6	98.0	





#95

Naphthalene

Concen: 16.429 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Instrument :

MSVOA_N

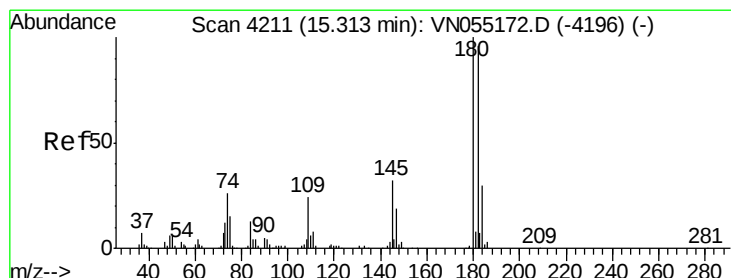
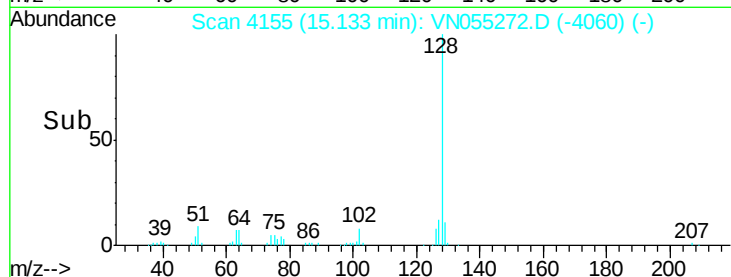
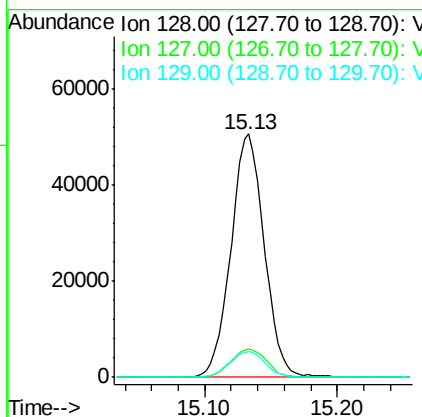
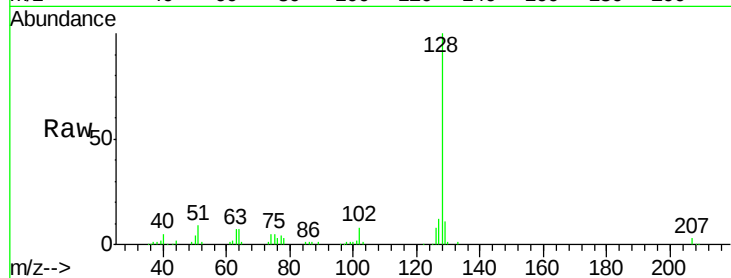
ClientSampleId :

VN0427WBS01

Tot Ion:	128	Resp:	88395
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.3	15.5
129	11.2	8.8	13.2

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 16.567 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055272.D

Acq: 26 Apr 2019 13:34

Tgt Ion:	180	Resp:	43311
Ion Ratio	Lower	Upper	
180	100		
182	93.7	47.2	141.6
145	31.2	15.4	46.1

