

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060419\
 Data File : VN055980.D
 Acq On : 4 Jun 2019 10:27
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 6/5/2019 4:03:45 PM

Quant Time: Jun 04 10:47:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 10:26:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	326097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	476237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	439869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	214941	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	471044	144.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.78%	
35) Dibromofluoromethane	7.59	113	436503	149.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.48%	
50) Toluene-d8	10.09	98	1692863	150.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.42%	
62) 4-Bromofluorobenzene	12.40	95	592557	156.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	312.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	537973	172.074	ug/l	99
3) Chloromethane	2.06	50	554878	158.443	ug/l	99
4) Vinyl Chloride	2.18	62	561654	160.192	ug/l	100
5) Bromomethane	2.52	94	270761	115.287	ug/l	99
6) Chloroethane	2.67	64	296845	143.317	ug/l	99
7) Trichlorofluoromethane	3.00	101	677530	149.611	ug/l	100
8) Diethyl Ether	3.40	74	272940	145.965	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	411937	149.771	ug/l	99
10) Methyl Iodide	3.93	142	681730	157.590	ug/l	99
11) Tert butyl alcohol	4.82	59	414992	733.210	ug/l	100
12) 1,1-Dichloroethene	3.72	96	426238	156.893	ug/l	97
13) Acrolein	3.60	56	123903	765.630	ug/l	98
14) Allyl chloride	4.31	41	682440	159.548	ug/l	99
15) Acrylonitrile	4.99	53	1092657	806.646	ug/l	99
16) Acetone	3.82	43	1079910	687.705	ug/l	99
17) Carbon Disulfide	4.03	76	1141123	179.872	ug/l	100
18) Methyl Acetate	4.32	43	454902	131.042	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	1320916	151.655	ug/l	99
20) Methylene Chloride	4.54	84	477033	149.424	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	448863	153.652	ug/l	97
22) Diisopropyl ether	5.95	45	1372209	154.298	ug/l	96
23) Vinyl Acetate	5.89	43	5744048	830.965	ug/l	99
24) 1,1-Dichloroethane	5.84	63	776939	150.879	ug/l	99
25) 2-Butanone	6.84	43	1516269	780.156	ug/l	99
26) 2,2-Dichloropropane	6.82	77	615687	153.706	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	522754	151.945	ug/l	97
28) Bromochloromethane	7.19	49	361897	148.165	ug/l	98
29) Tetrahydrofuran	7.21	42	931296	774.160	ug/l	98
30) Chloroform	7.37	83	779720	150.449	ug/l	99
31) Cyclohexane	7.65	56	735353	141.504	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	679585	158.417	ug/l	99
36) 1,1-Dichloropropene	7.79	75	609062	148.484	ug/l	99
37) Ethyl Acetate	6.93	43	576508	159.983	ug/l	99
38) Carbon Tetrachloride	7.77	117	587903	156.918	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	777438	152.894	ug/l	98
40) Benzene	8.04	78	1871495	150.569	ug/l	100
41) Methacrylonitrile	7.17	41	271146	164.319	ug/l	95
42) 1,2-Dichloroethane	8.12	62	580342	144.112	ug/l	99
43) Isopropyl Acetate	8.17	43	954440	164.205	ug/l #	92
44) Trichloroethene	8.83	130	537710	150.548	ug/l	99
45) 1,2-Dichloropropane	9.12	63	485030	152.709	ug/l	100
46) Dibromomethane	9.21	93	318995	153.765	ug/l	99
47) Bromodichloromethane	9.40	83	613289	165.169	ug/l	98
48) Methyl methacrylate	9.20	41	461519	161.888	ug/l	96
49) 1,4-Dioxane	9.20	88	192840	3111.546	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	2819037	766.269	ug/l	99
52) Toluene	10.15	92	1201310	156.311	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	695180	184.206	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	770297	174.314	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	475085	156.004	ug/l	99
56) Ethyl methacrylate	10.43	69	733625	167.159	ug/l	99
57) 1,3-Dichloropropane	10.71	76	774973	156.653	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1408558	933.902	ug/l	100
59) 2-Hexanone	10.75	43	2050950	769.784	ug/l	99
60) Dibromochloromethane	10.90	129	531089	186.422	ug/l	99
61) 1,2-Dibromoethane	11.00	107	505993	163.955	ug/l	98
64) Tetrachloroethene	10.63	164	521109	134.505	ug/l	99
65) Chlorobenzene	11.43	112	1299062	148.074	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	487240	163.633	ug/l	100
67) Ethyl Benzene	11.51	91	2299298	151.260	ug/l	98
68) m/p-Xylenes	11.62	106	1773836	306.070	ug/l	98
69) o-Xylene	11.95	106	854349	149.233	ug/l	99
70) Styrene	11.96	104	1478377	165.462	ug/l	99
71) Bromoform	12.13	173	397919	190.308	ug/l #	99
73) Isopropylbenzene	12.25	105	2221892	124.067	ug/l	99
74) N-amyl acetate	12.07	43	789503	135.588	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	634662	123.440	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	516194m	122.460	ug/l	
77) Bromobenzene	12.53	156	610739	129.727	ug/l	96
78) n-propylbenzene	12.59	91	2489025	134.528	ug/l	99
79) 2-Chlorotoluene	12.67	91	1462559	124.105	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1878462	126.602	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	199863	173.579	ug/l	100
82) 4-Chlorotoluene	12.77	91	1481028	137.242	ug/l	99
83) tert-Butylbenzene	12.99	119	1609549	120.965	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1880311	134.901	ug/l	100
85) sec-Butylbenzene	13.17	105	2126037	128.933	ug/l	100
86) p-Isopropyltoluene	13.29	119	1992495	136.120	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1031368	143.813	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1014458	147.686	ug/l	99
89) n-Butylbenzene	13.61	91	1649178	155.398	ug/l	100
90) Hexachloroethane	13.87	117	327530	150.835	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	1007481	138.284	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	117836	168.505	ug/l	96

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Quant Title : SW846 8260
QLast Update : Tue Jun 04 10:26:39 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	649052	209.912	ug/l	99
94) Hexachlorobutadiene	15.01	225	358693	124.338	ug/l	99
95) Naphthalene	15.13	128	1664652	207.193	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	646629	192.876	ug/l	100

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

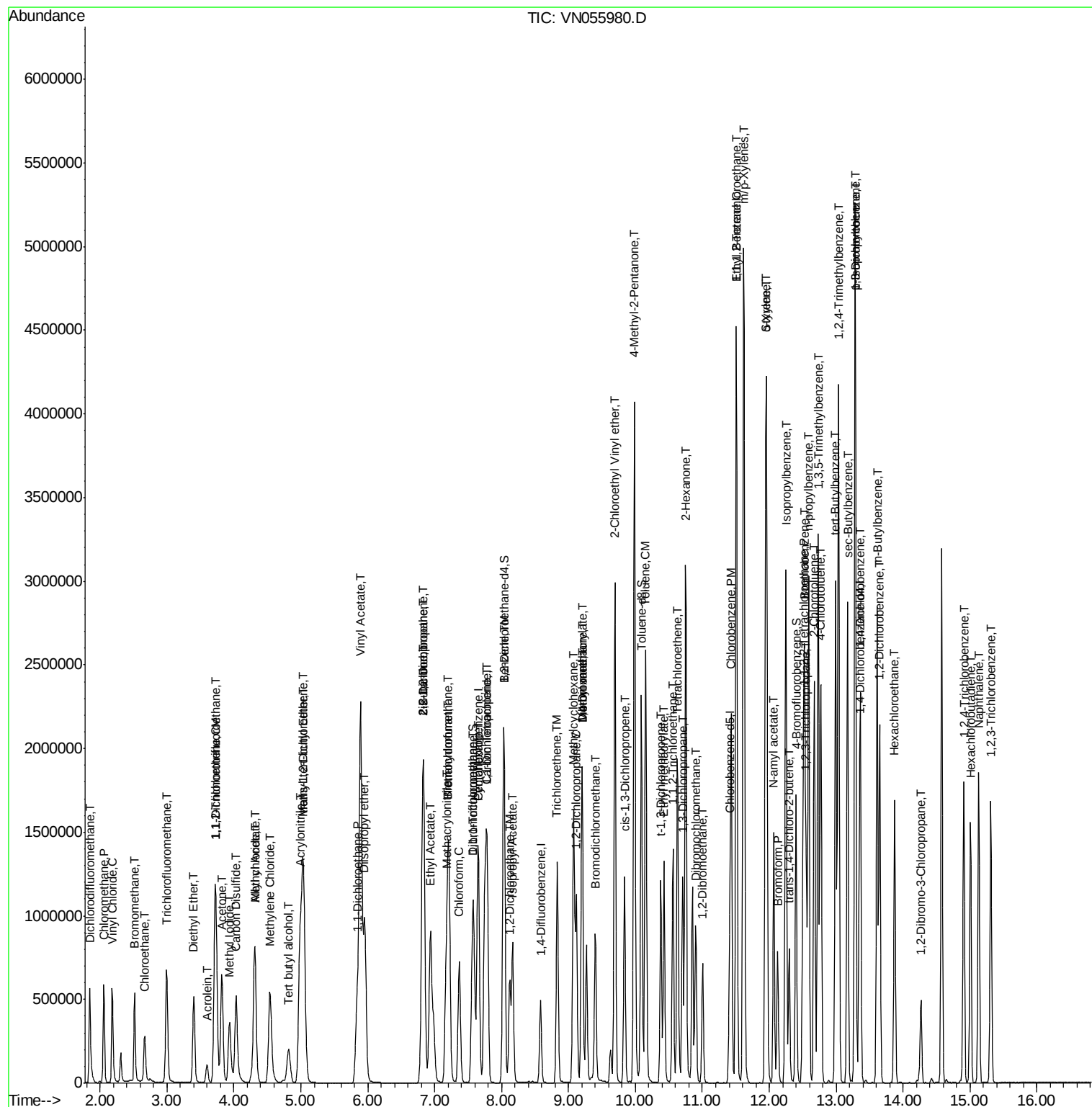
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060419\
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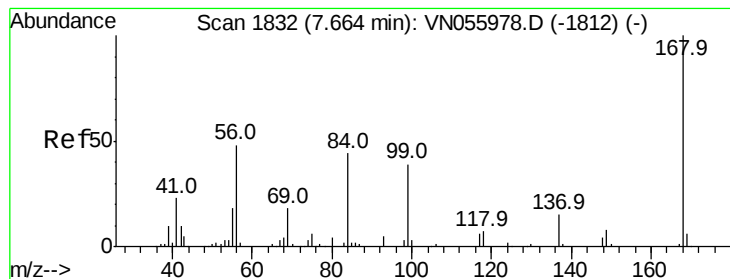
Instrument :
 MSVOA_N
 Client Sample ID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 326097

Ion Ratio Lower Upper

168 100

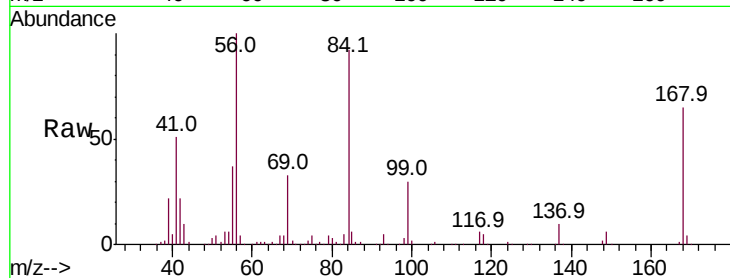
99 45.7 37.2 55.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

150000

100000

50000

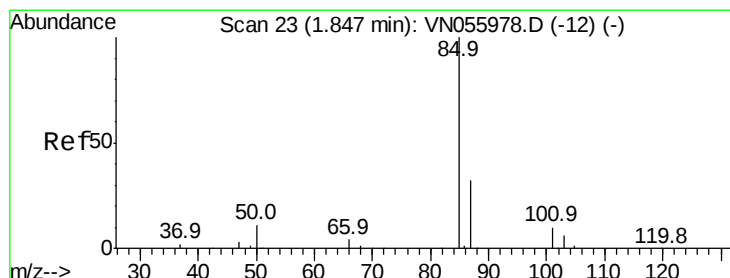
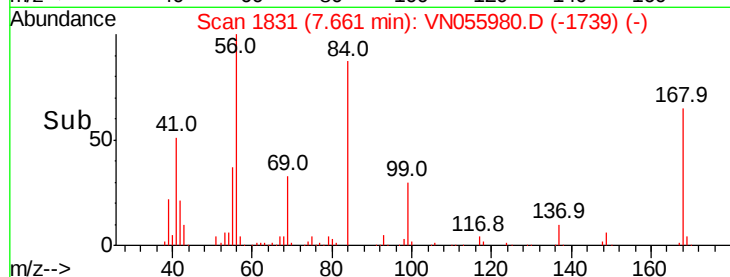
0

7.66

7.70

7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 172.074 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN055980.D

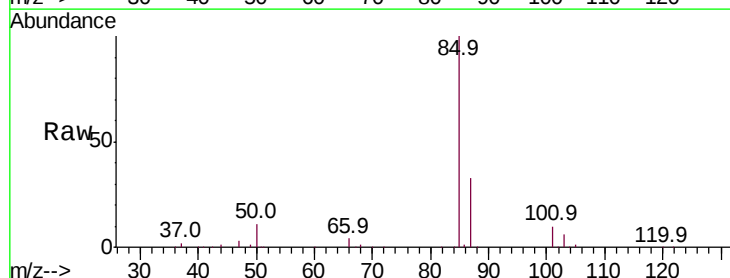
Acq: 4 Jun 2019 10:27

Tgt Ion: 85 Resp: 537973

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

300000

200000

100000

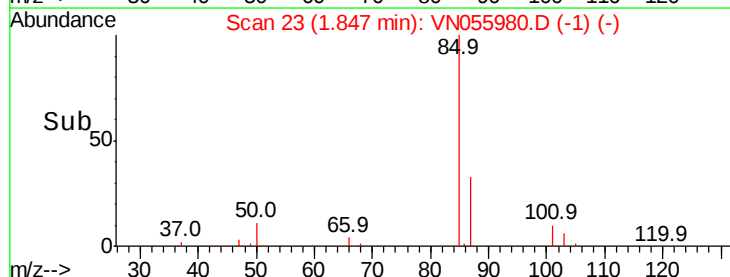
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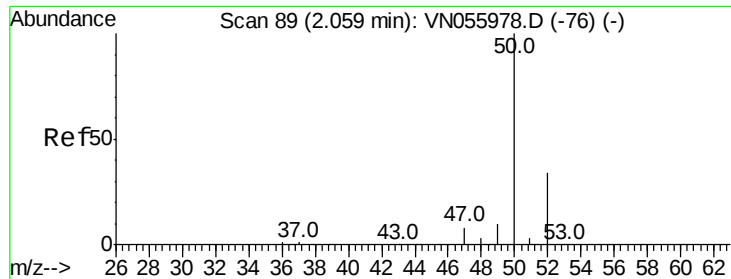
1.85

1.90

2.00

Time-->





#3

Chloromethane

Concen: 158.443 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tot Ion: 50 Resp: 554878

Ion Ratio Lower Upper

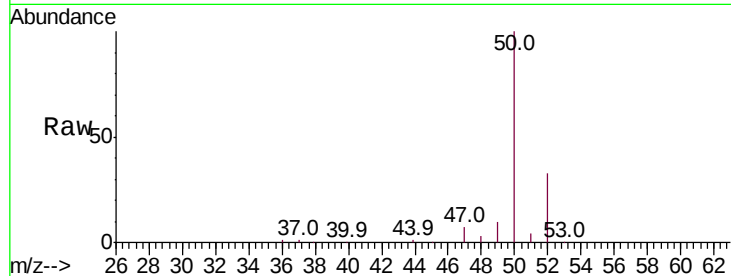
50 100

52 32.9 26.6 40.0

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

Ion 51.90 (51.60 to 52.60): VNO

2.06

400000

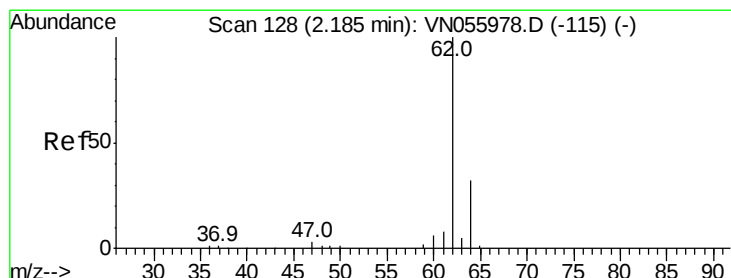
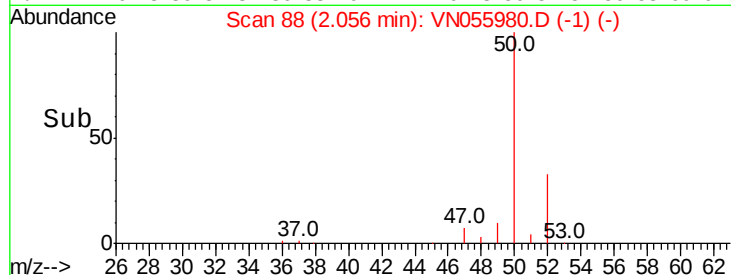
300000

200000

100000

0

Time--> 1.95 2.00 2.05 2.10 2.15



#4

Vinyl Chloride

Concen: 160.192 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN055980.D

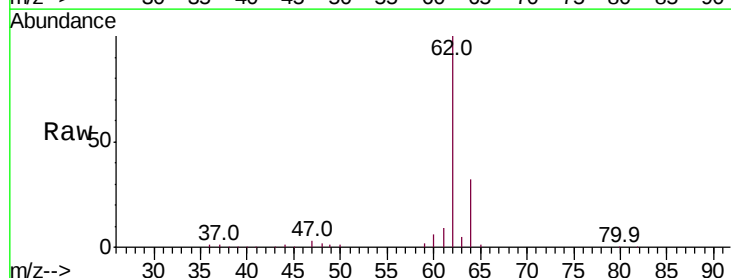
Acq: 4 Jun 2019 10:27

Tgt Ion: 62 Resp: 561654

Ion Ratio Lower Upper

62 100

64 32.2 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.18

400000

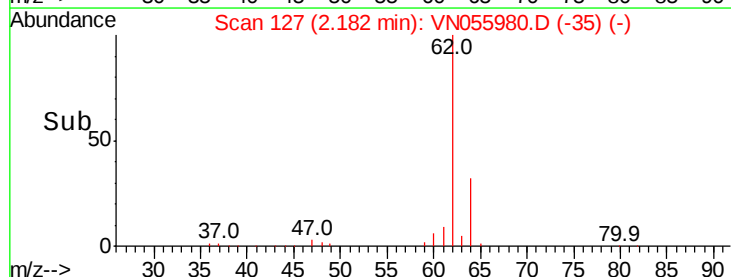
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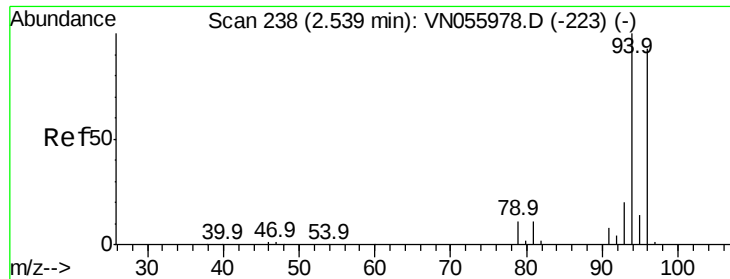
200000

100000

0

Time--> 2.10 2.20 2.30





#5

Bromomethane

Concen: 115.287 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.02 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 270761

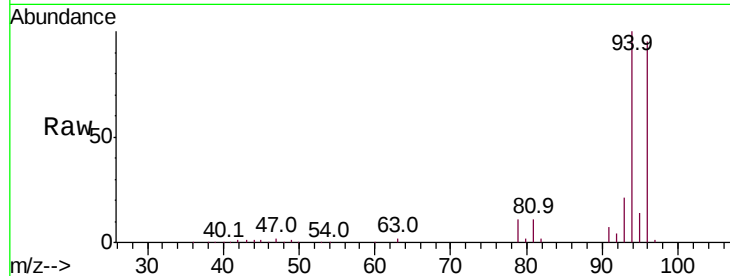
Ion Ratio Lower Upper

94 100

96 95.1 75.5 113.3

Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VN055978.D (-223) (-)

Ion 95.90 (95.60 to 96.60): VN055978.D (-223) (-)

2.52

200000

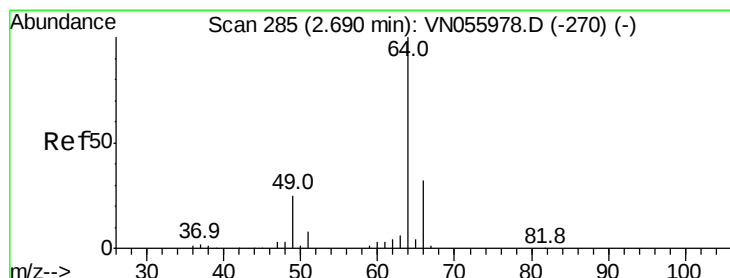
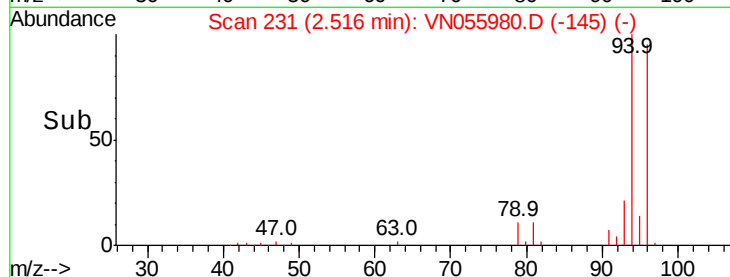
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 143.317 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.02 min

Lab File: VN055980.D

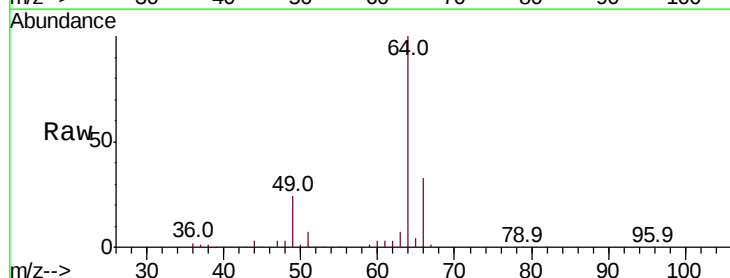
Acq: 4 Jun 2019 10:27

Tgt Ion: 64 Resp: 296845

Ion Ratio Lower Upper

64 100

66 32.5 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN055978.D (-270) (-)

Ion 65.90 (65.60 to 66.60): VN055978.D (-270) (-)

2.67

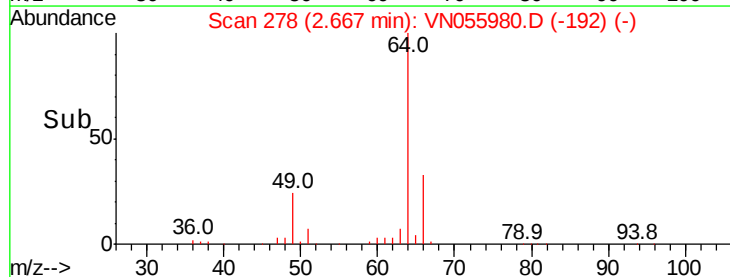
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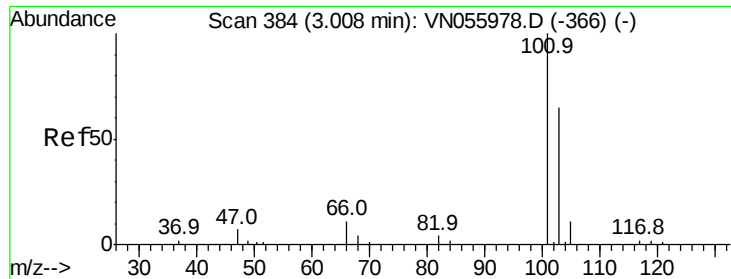
100000

50000

0

Time-->





#7

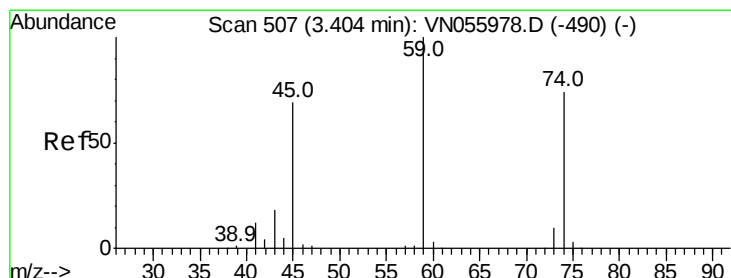
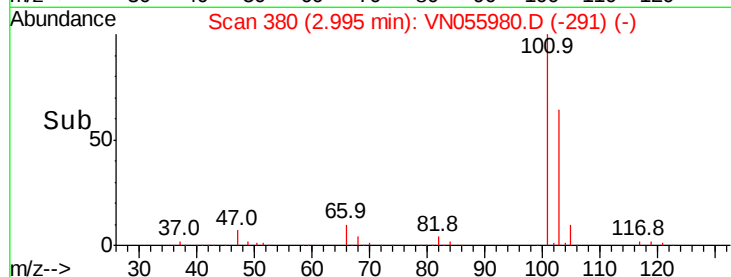
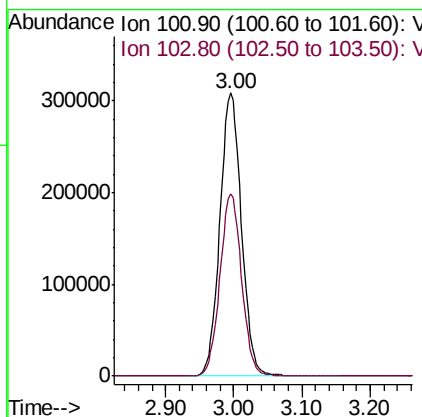
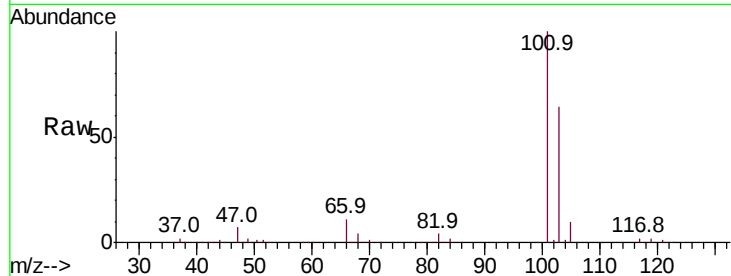
Trichlorofluoromethane
Concen: 149.611 ug/l
RT: 3.00 min Scan# 380
Delta R.T. -0.01 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Instrument :
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ClientSampleId :
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Tot Ion:101 Resp: 677530
Ion Ratio Lower Upper
101 100
103 64.4 51.2 76.8

Manual Integrations
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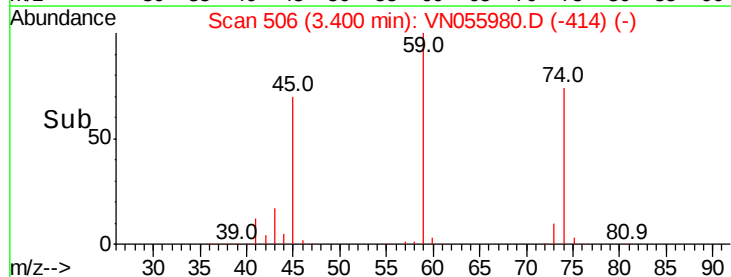
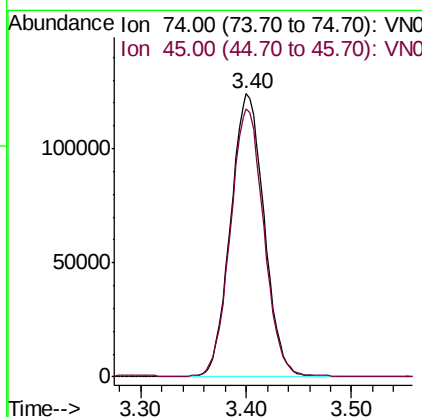
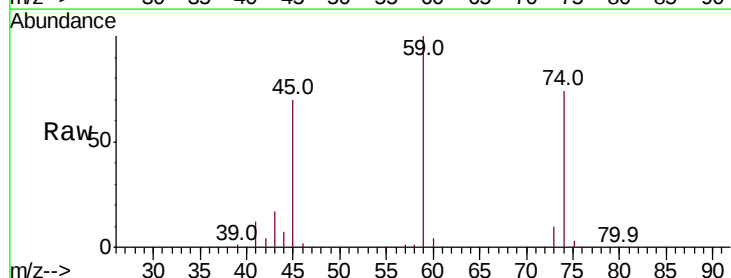
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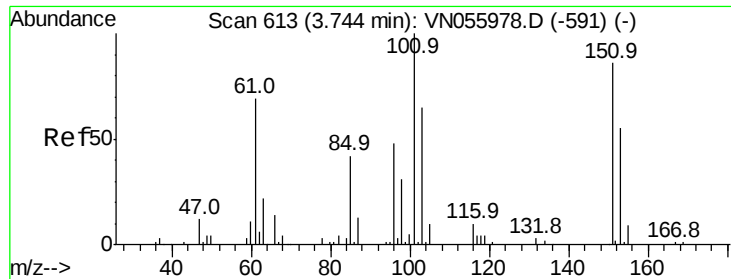


#8

Diethyl Ether
Concen: 145.965 ug/l
RT: 3.40 min Scan# 506
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion: 74 Resp: 272940
Ion Ratio Lower Upper
74 100
45 95.6 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 149.771 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.01 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

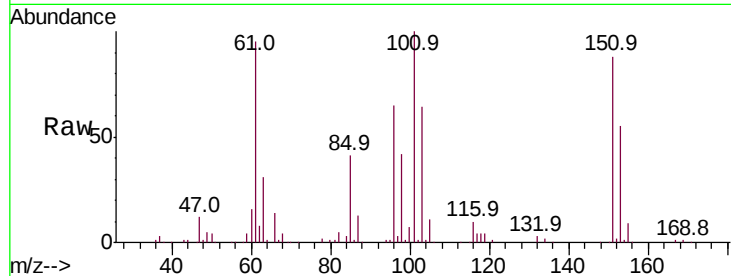
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	411937
Ion Ratio	Lower	Upper	
101	100		
85	41.3	33.4	50.2
151	87.3	69.4	104.2

Manual Integrations
APPROVED

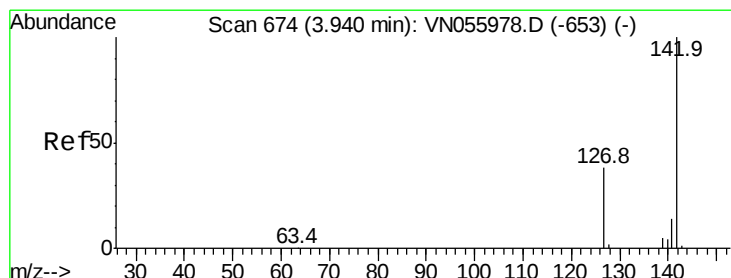
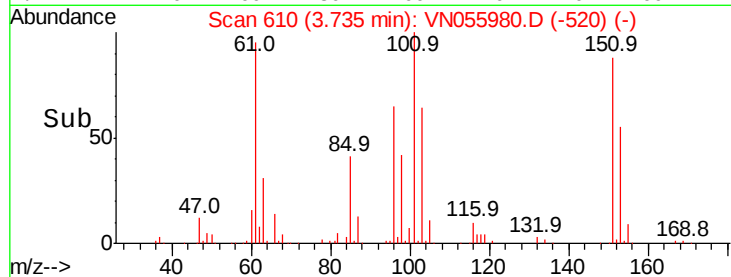
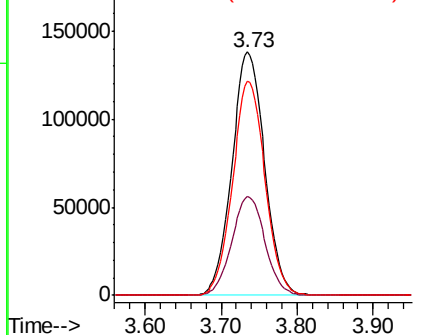
MMDadoda
6/5/2019 4:03:45 PM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 157.590 ug/l

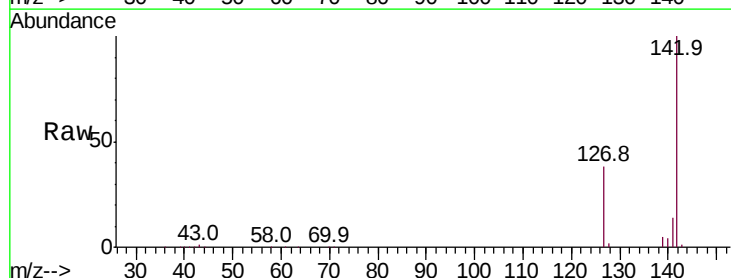
RT: 3.93 min Scan# 672

Delta R.T. -0.01 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

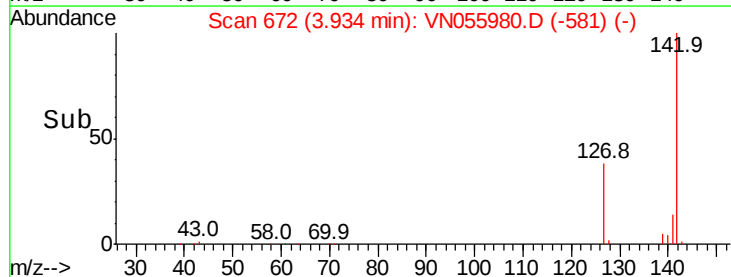
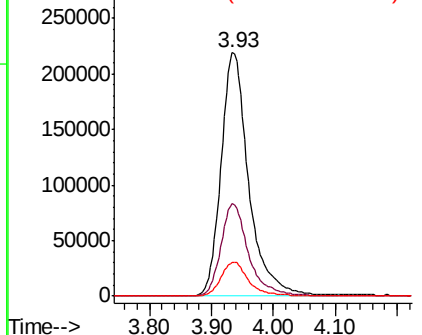
Tgt Ion:	142	Resp:	681730
Ion Ratio	Lower	Upper	
142	100		
127	38.0	31.0	46.4
141	14.0	11.4	17.0

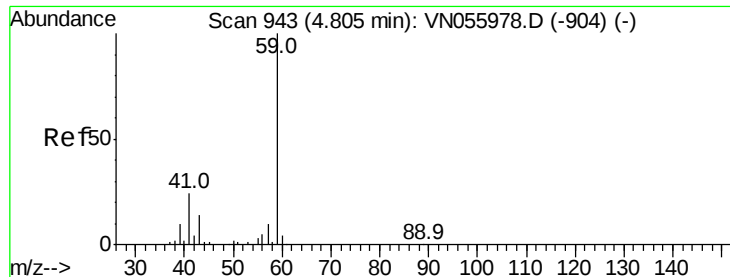


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

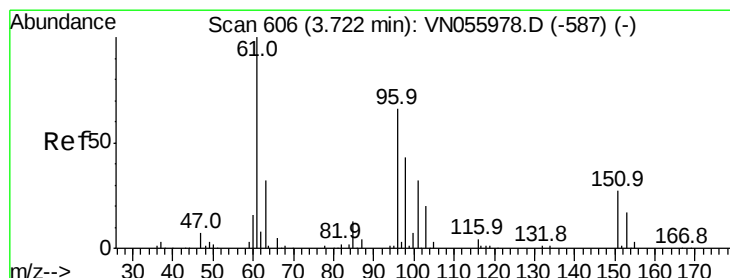
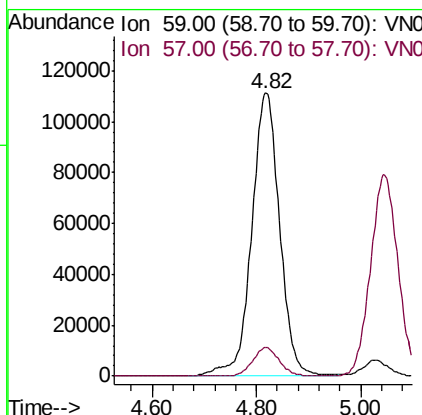
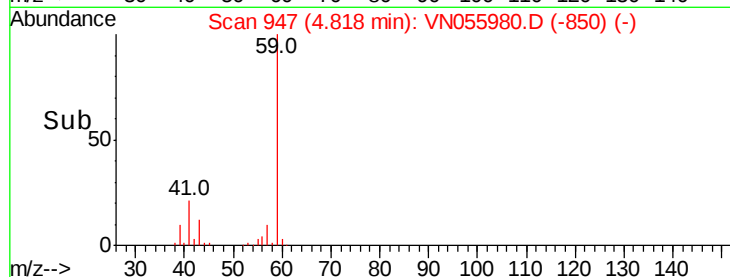
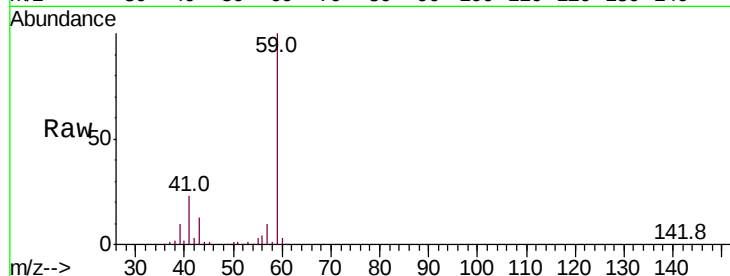
Tert butyl alcohol
Concen: 733.210 ug/l
RT: 4.82 min Scan# 947
Delta R.T. 0.01 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	7.8	11.6

Manual Integrations
APPROVED

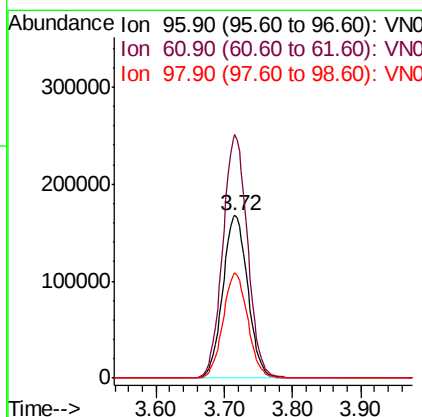
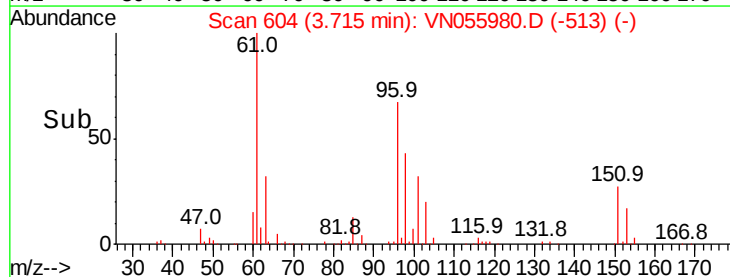
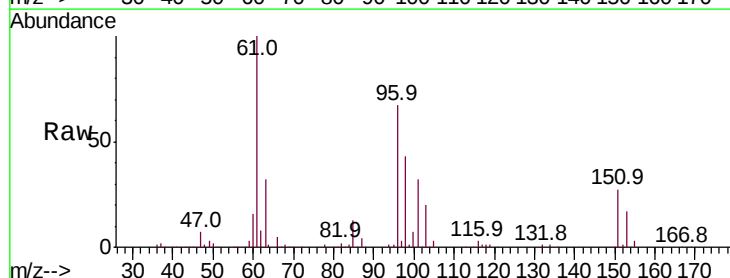
MMDadoda
6/5/2019 4:03:45 PM

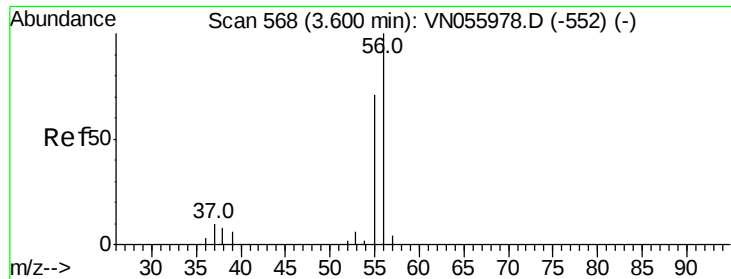


#12

1,1-Dichloroethene
Concen: 156.893 ug/l
RT: 3.72 min Scan# 604
Delta R.T. -0.01 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.5	123.2	184.8
98	64.4	50.4	75.6





#13

Acrolein

Concen: 765.630 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 123903

Ion Ratio Lower Upper

56 100

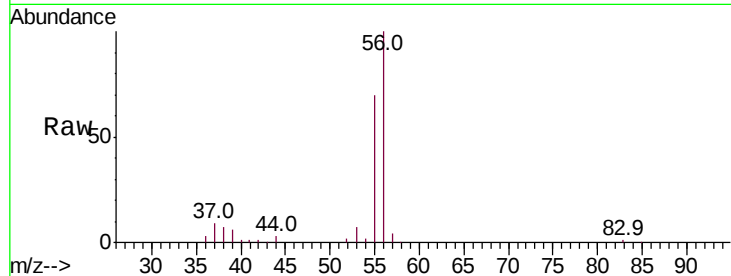
55 70.6 55.4 83.2

Manual Integrations

APPROVED

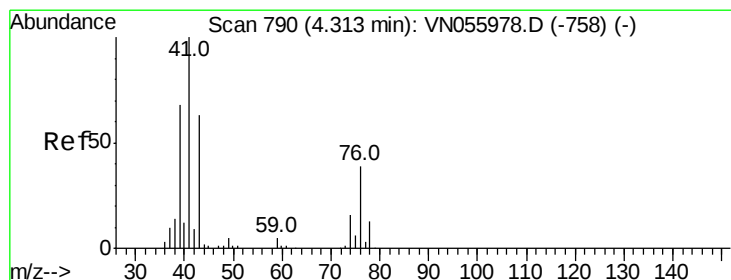
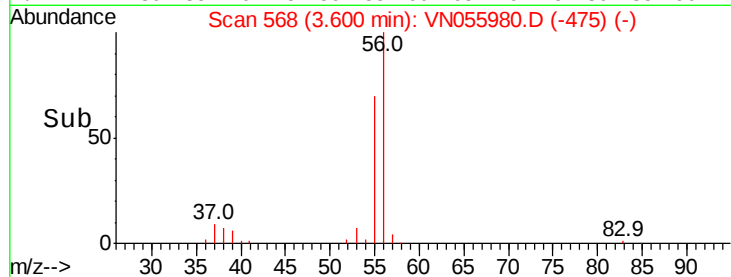
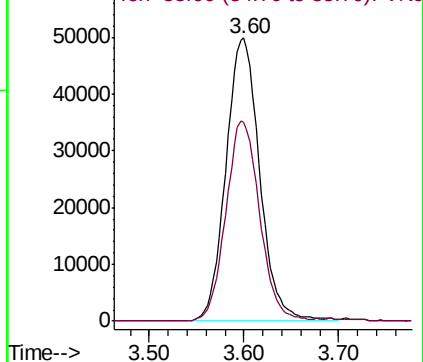
MMDadoda

6/5/2019 4:03:45 PM



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 159.548 ug/l

RT: 4.31 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

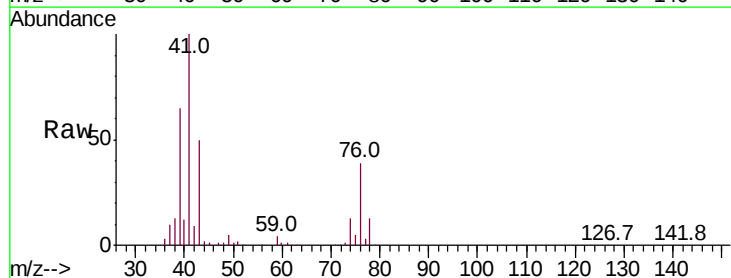
Tgt Ion: 41 Resp: 682440

Ion Ratio Lower Upper

41 100

39 61.8 50.0 75.0

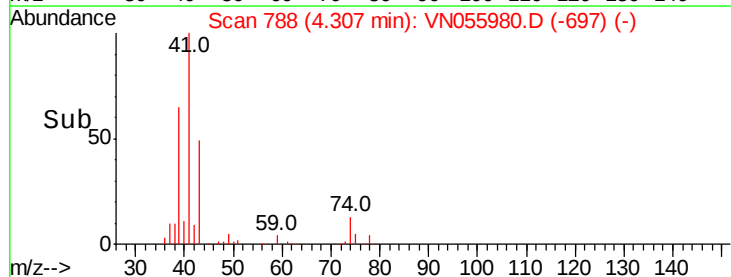
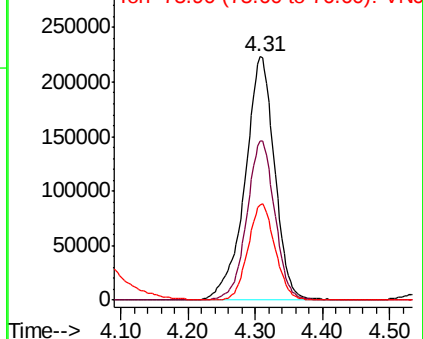
76 35.6 28.2 42.2

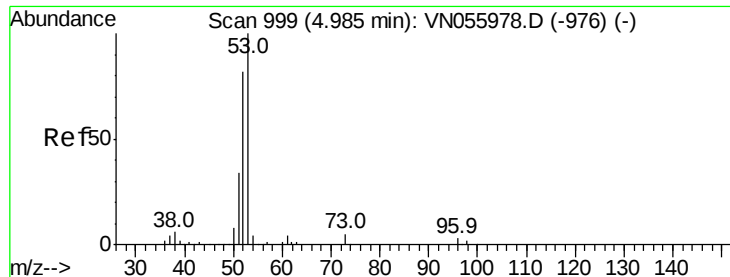


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 806.646 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 1092657

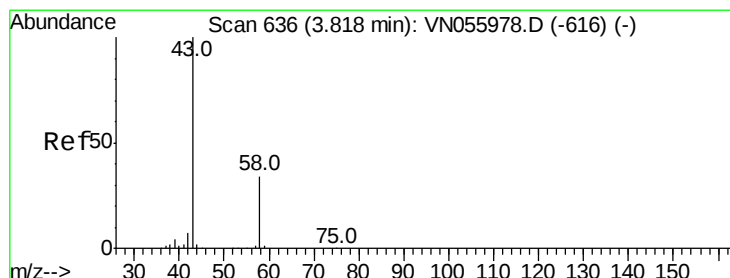
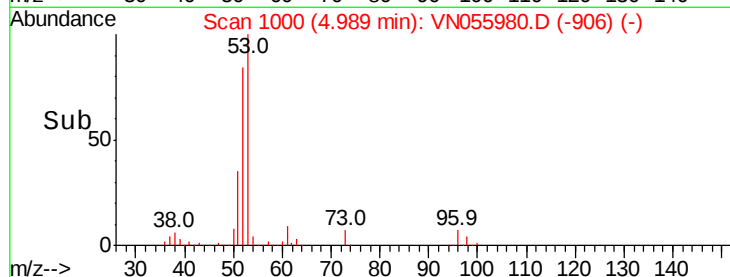
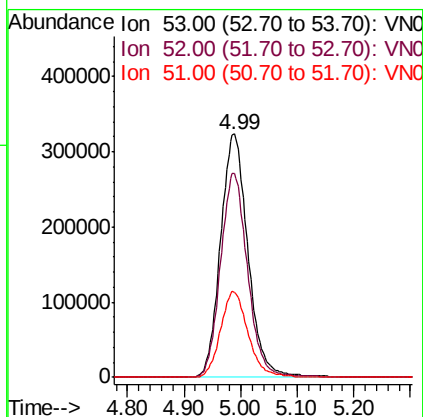
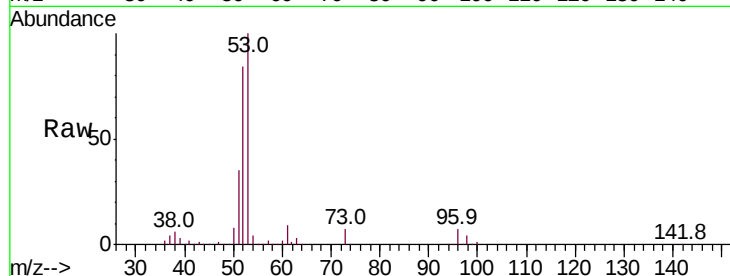
Ion	Ratio	Lower	Upper
53	100		
52	83.0	65.8	98.8
51	35.6	28.2	42.4

Manual Integrations

APPROVED

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#16

Acetone

Concen: 687.705 ug/l

RT: 3.82 min Scan# 636

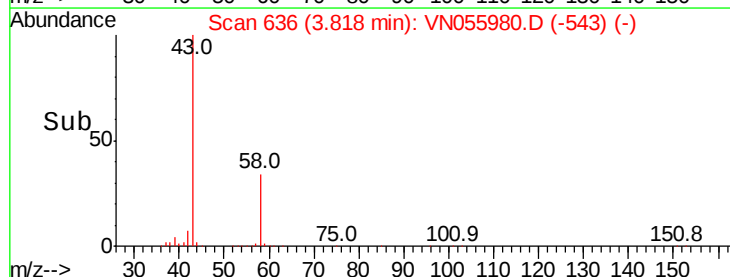
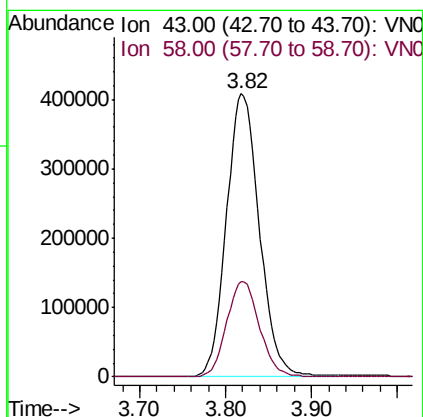
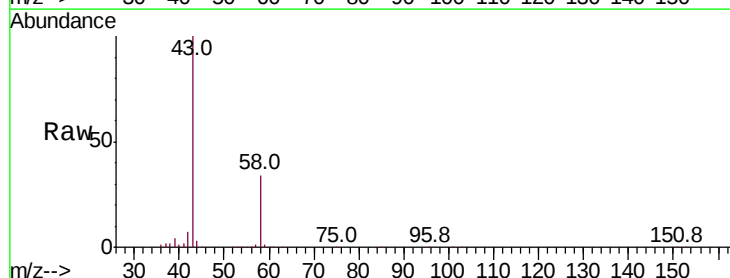
Delta R.T. -0.00 min

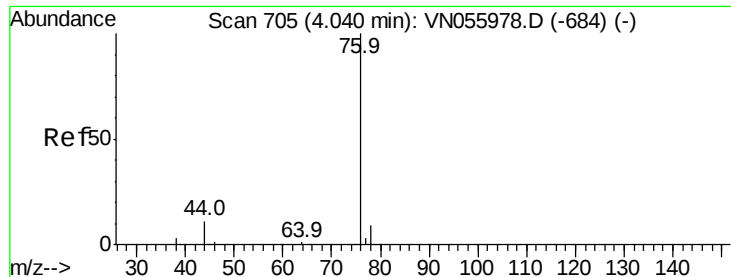
Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Tgt Ion: 43 Resp: 1079910

Ion	Ratio	Lower	Upper
43	100		
58	33.6	26.6	39.8





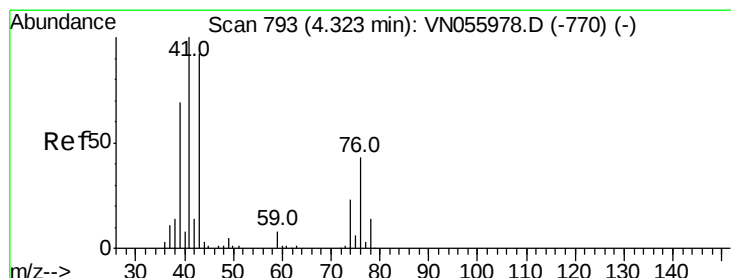
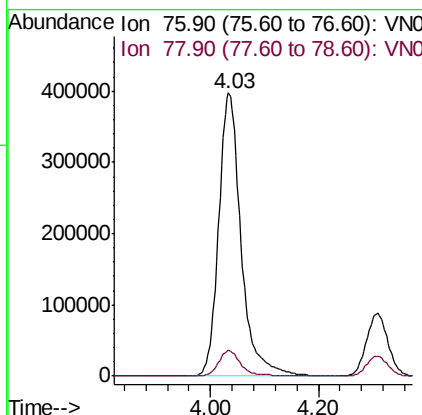
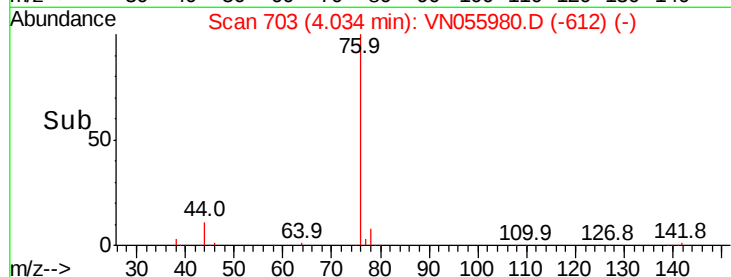
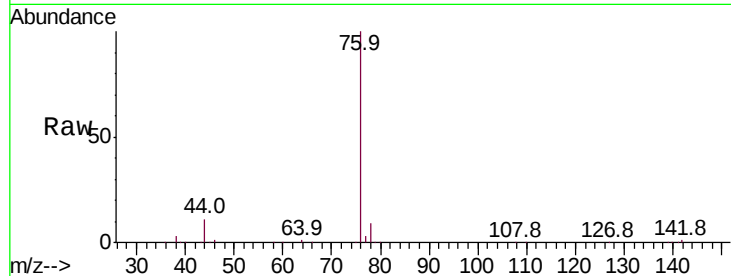
#17
Carbon Disulfide
Concen: 179.872 ug/l
RT: 4.03 min Scan# 703
Delta R.T. -0.01 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tot Ion: 76 Resp: 1141123
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

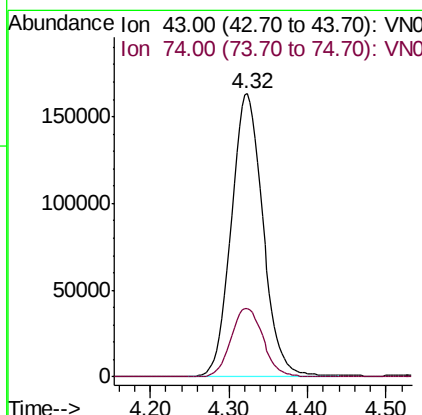
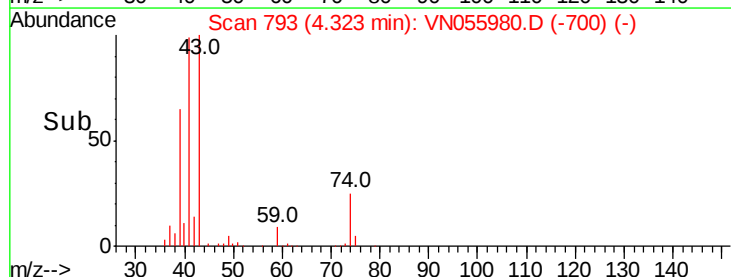
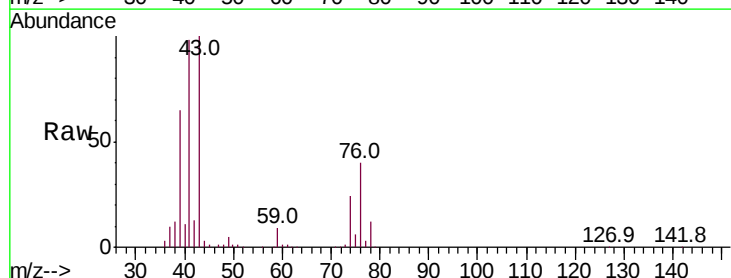
Manual Integrations
APPROVED

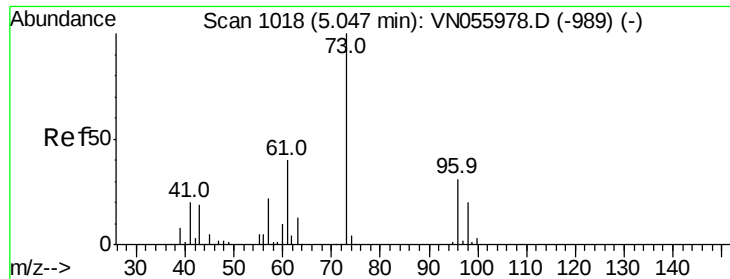
MMDadoda
6/5/2019 4:03:45 PM



#18
Methyl Acetate
Concen: 131.042 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion: 43 Resp: 454902
Ion Ratio Lower Upper
43 100
74 25.1 19.3 28.9





#19

Methyl tert-butyl Ether

Concen: 151.655 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

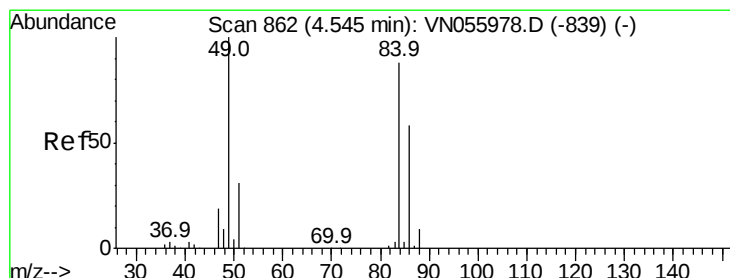
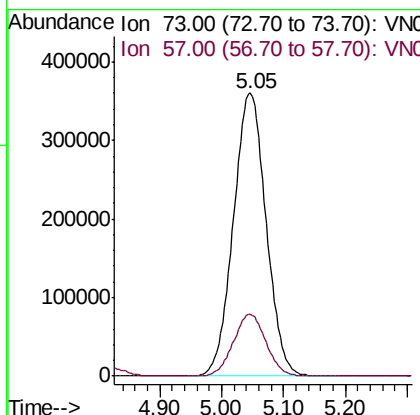
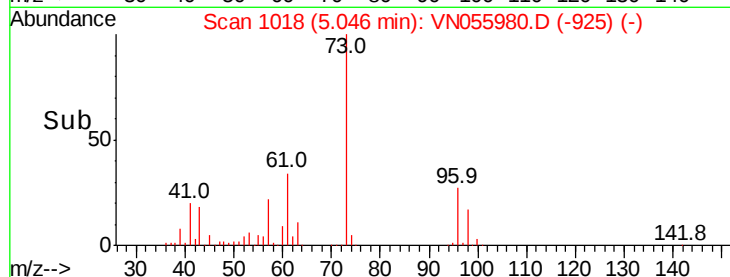
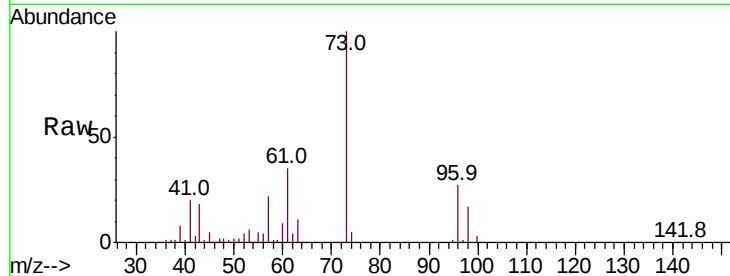
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 1320916

Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.8	26.8

Manual Integrations
APPROVED

MMDadoda
6/5/2019 4:03:45 PM



#20

Methylene Chloride

Concen: 149.424 ug/l

RT: 4.54 min Scan# 860

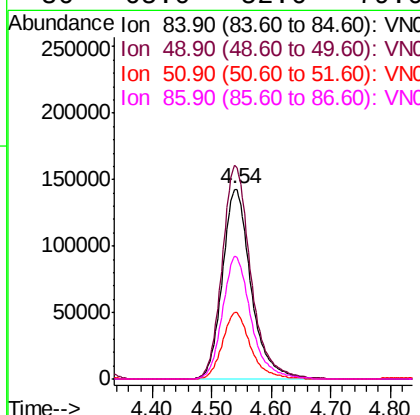
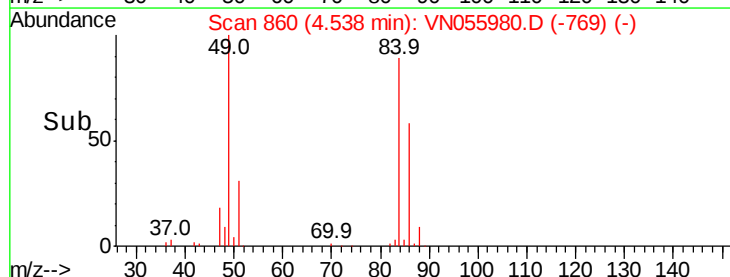
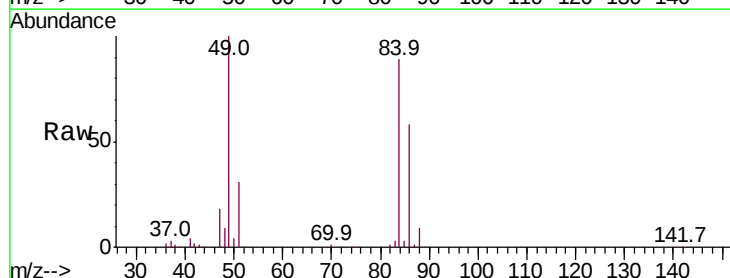
Delta R.T. -0.01 min

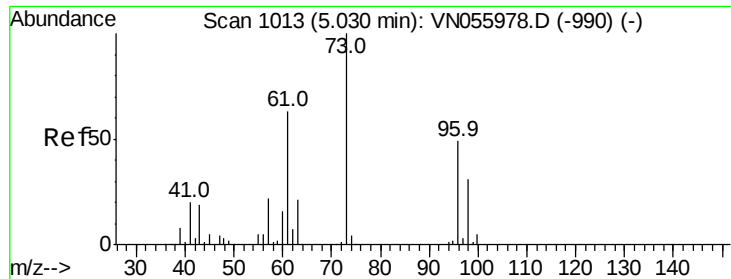
Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Tgt Ion: 84 Resp: 477033

Ion	Ratio	Lower	Upper
84	100		
49	112.6	93.5	140.3
51	35.3	28.6	43.0
86	65.0	52.6	79.0





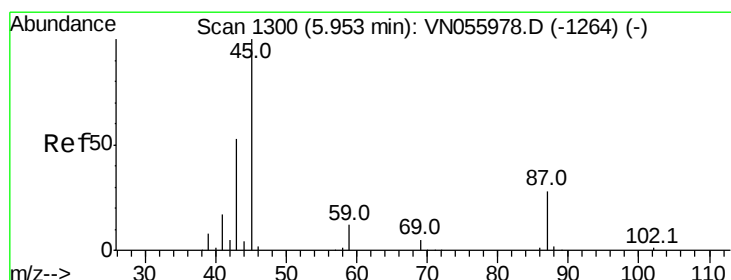
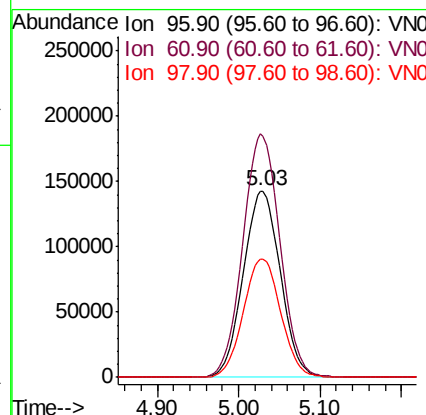
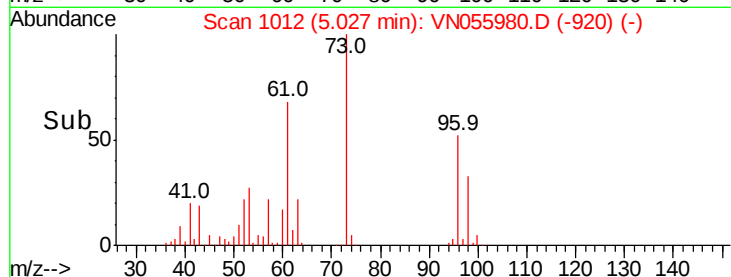
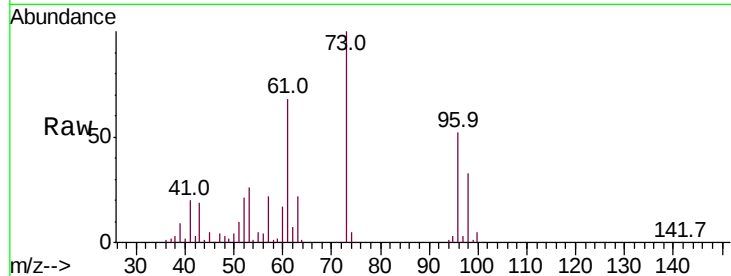
#21
trans-1,2-Dichloroethene
Concen: 153.652 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.5	107.8	161.8
98	63.4	49.8	74.8

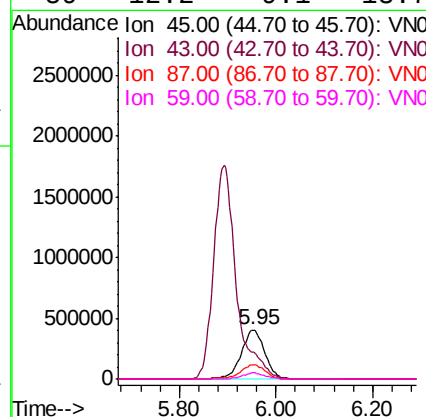
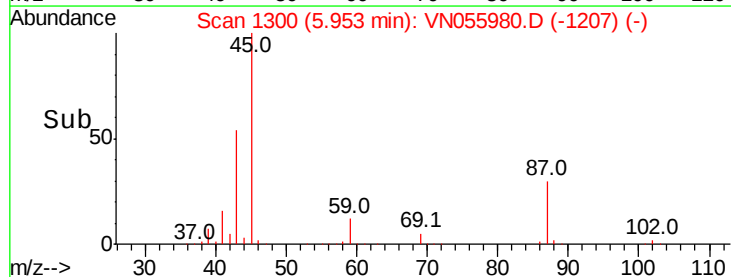
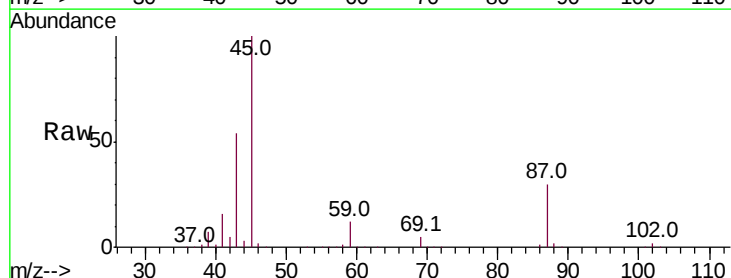
Manual Integrations
APPROVED

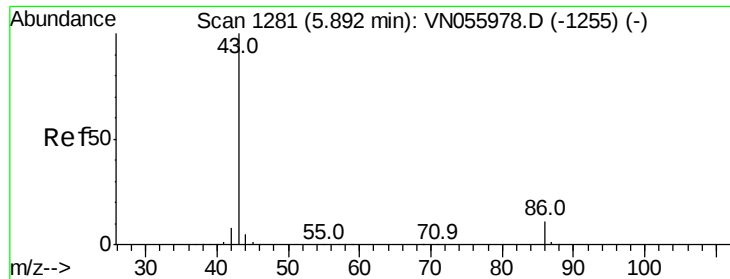
MMDadoda
6/5/2019 4:03:45 PM



#22
Diisopropyl ether
Concen: 154.298 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion	Ratio	Lower	Upper
45	100		
43	53.3	45.0	67.6
87	29.7	22.2	33.4
59	12.2	9.1	13.7





#23

Vinyl Acetate

Concen: 830.965 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 5744048

Ion Ratio Lower Upper

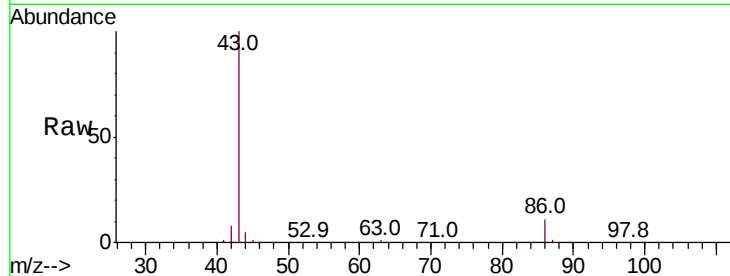
43 100

86 11.3 8.6 13.0

Manual Integrations
APPROVED

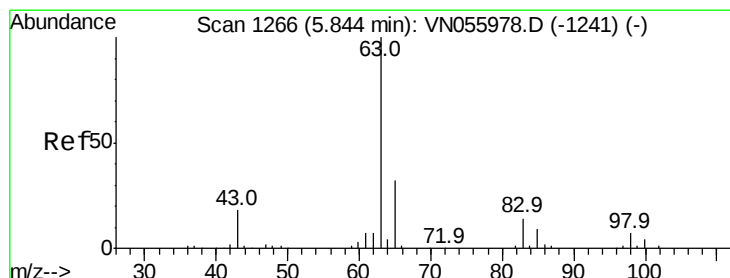
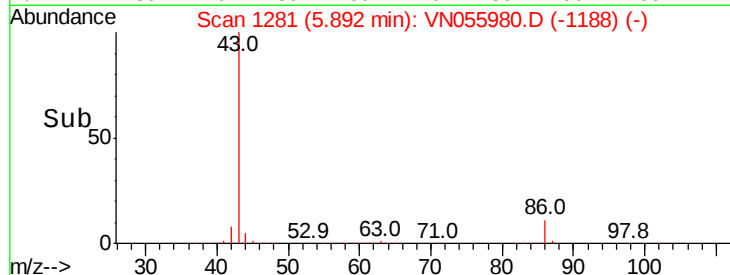
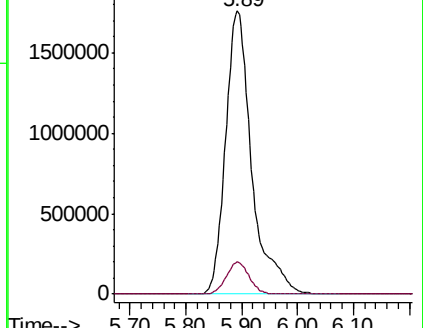
MMDadoda

6/5/2019 4:03:45 PM



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 86.00 (85.70 to 86.70): VNO



#24

1,1-Dichloroethane

Concen: 150.879 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

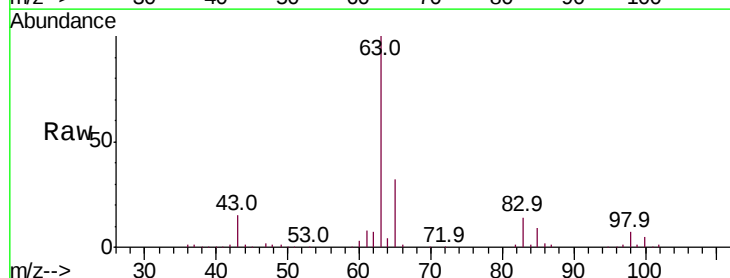
Tgt Ion: 63 Resp: 776939

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.1

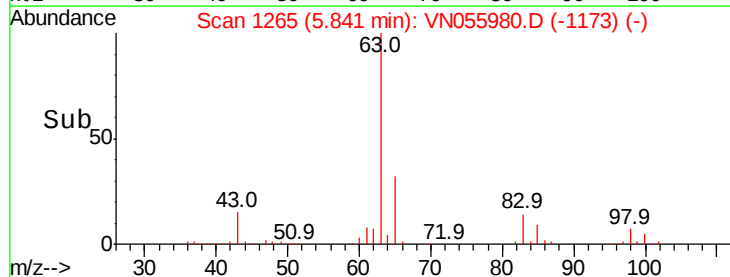
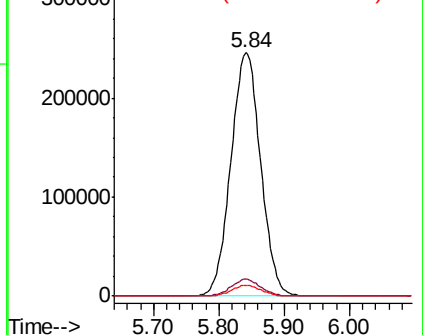
100 4.5 2.2 6.6

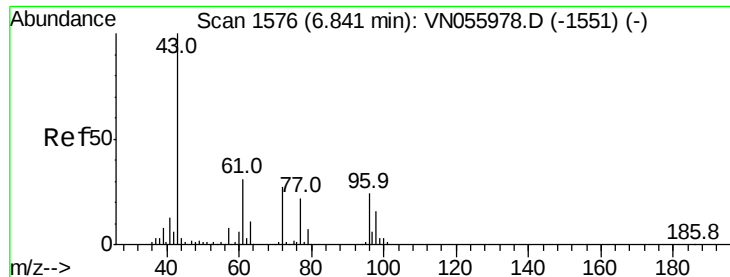


Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

Ion 99.90 (99.60 to 100.60): VNO





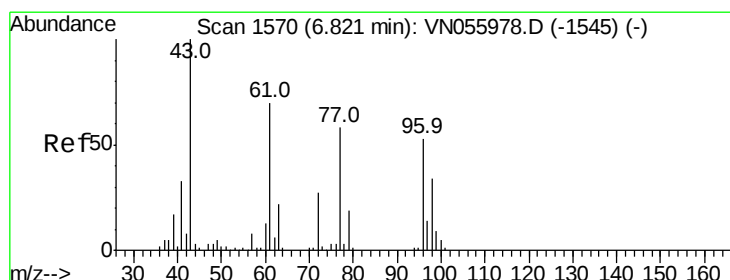
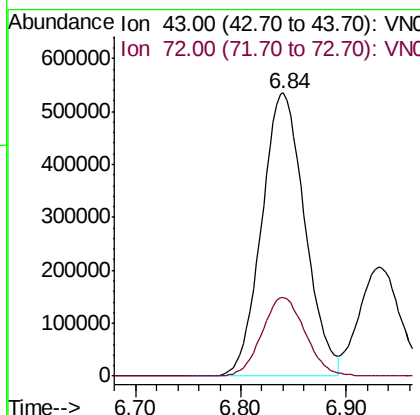
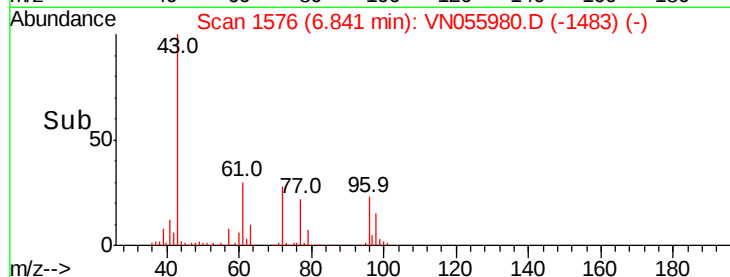
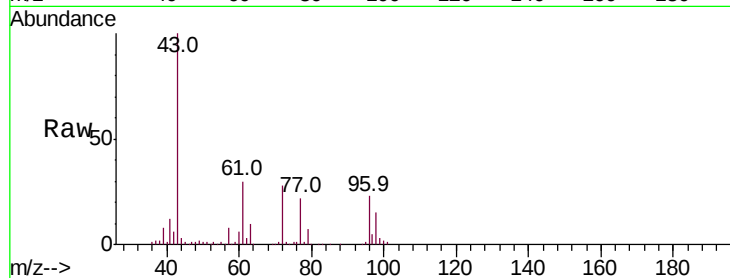
#25
2-Butanone
Concen: 780.156 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1516269
Ion Ratio Lower Upper
43 100
72 27.8 21.9 32.9

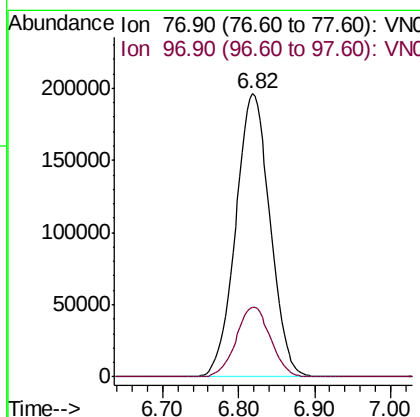
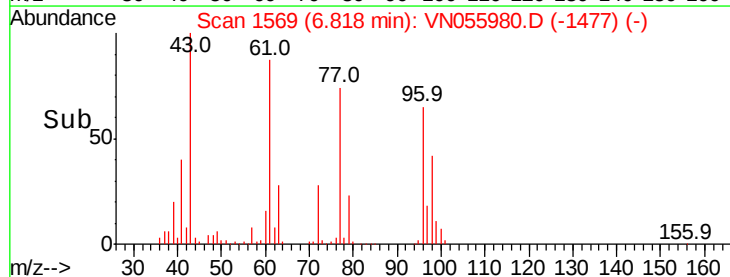
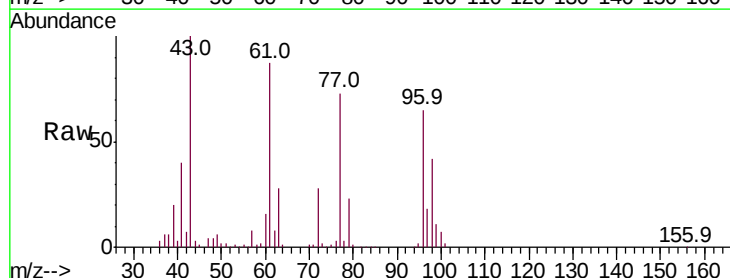
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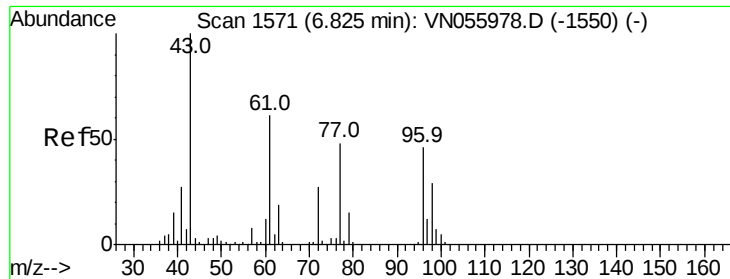
MMDadoda
6/5/2019 4:03:45 PM



#26
2,2-Dichloropropane
Concen: 153.706 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion: 77 Resp: 615687
Ion Ratio Lower Upper
77 100
97 24.7 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 151.945 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

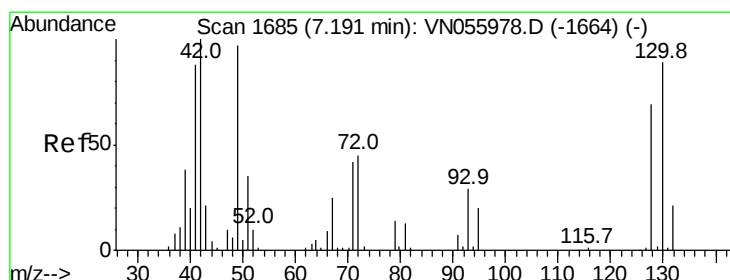
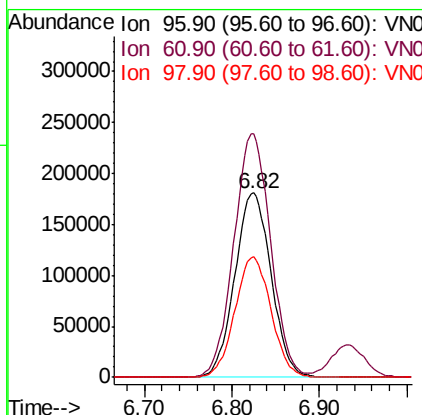
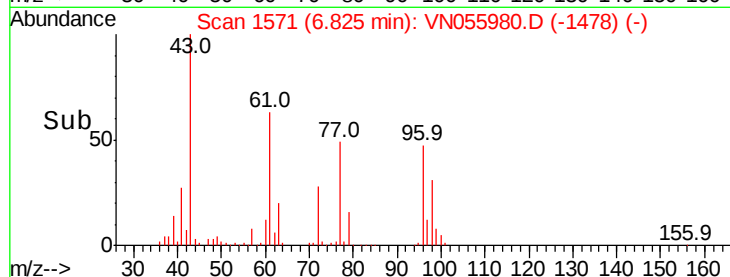
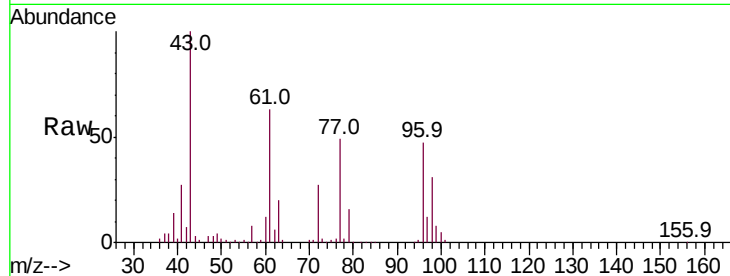
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	522754
Ion	Ratio	Lower	Upper
96	100		
61	133.6	0.0	275.8
98	65.0	0.0	128.4

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#28

Bromochloromethane

Concen: 148.165 ug/l

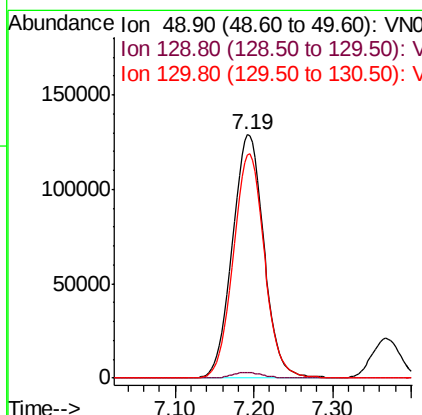
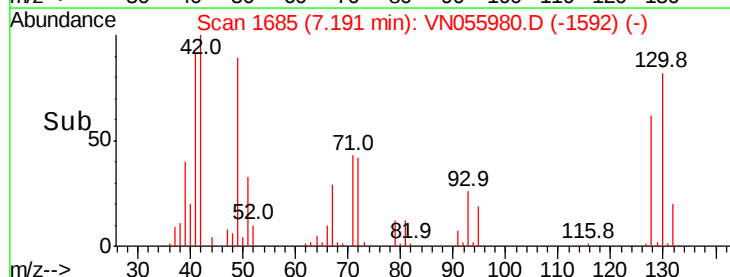
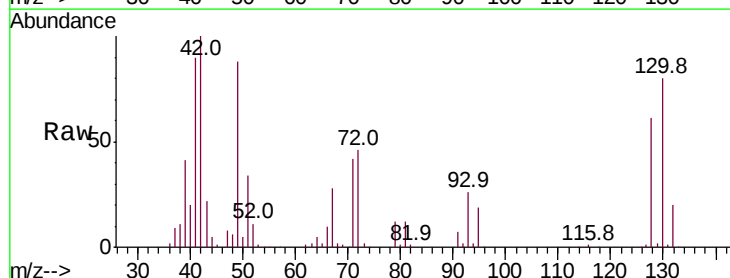
RT: 7.19 min Scan# 1685

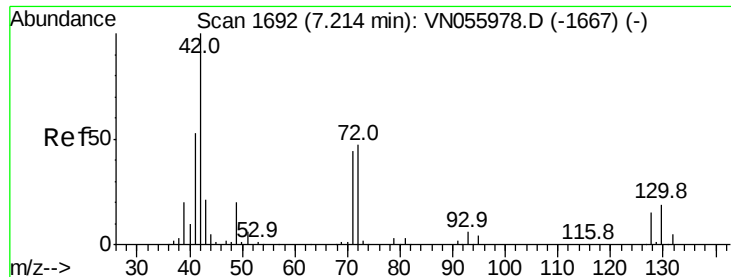
Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Tgt Ion:	49	Resp:	361897
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	90.9	71.2	106.8





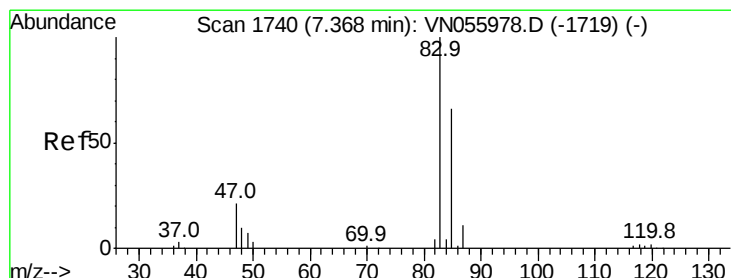
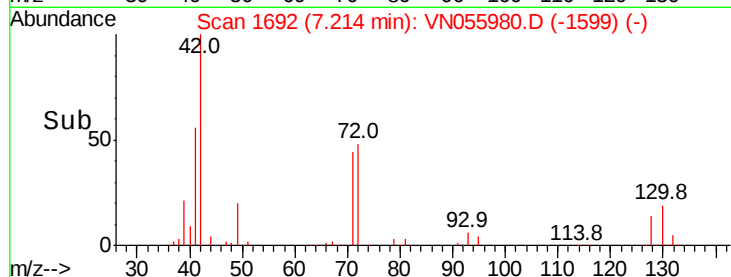
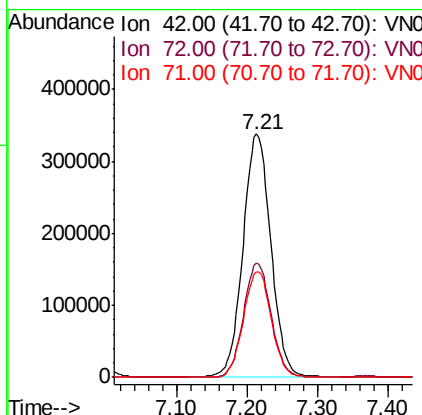
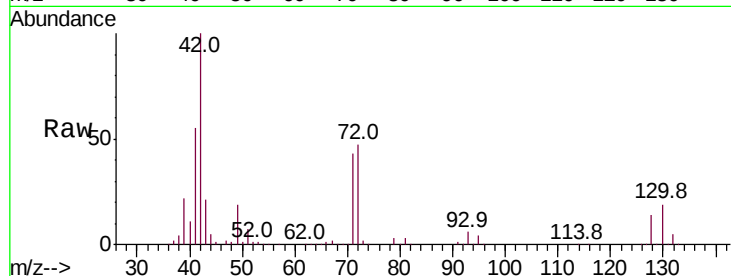
#29
Tetrahydrofuran
Concen: 774.160 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.5	35.9	53.9
71	43.3	34.0	51.0

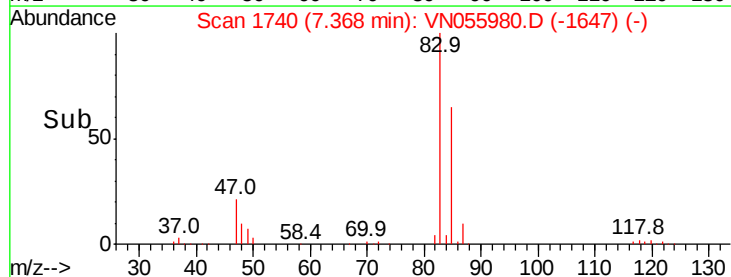
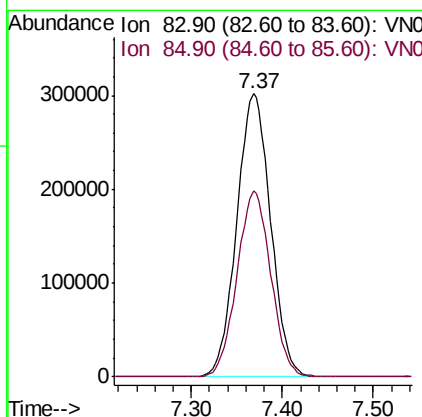
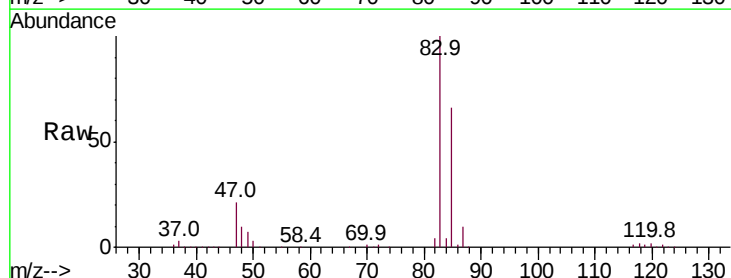
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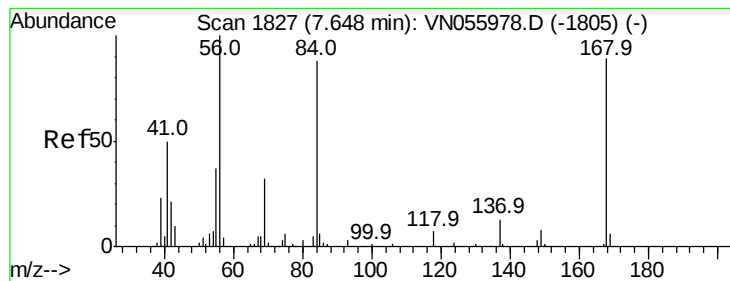
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#30
Chloroform
Concen: 150.449 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.8	77.8





#31

Cyclohexane

Concen: 141.504 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 735353

Ion Ratio Lower Upper

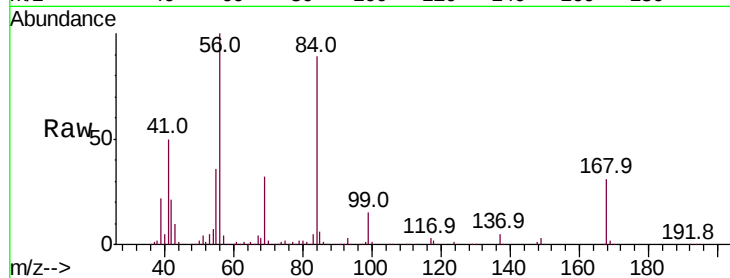
56 100

69 31.9 25.6 38.4

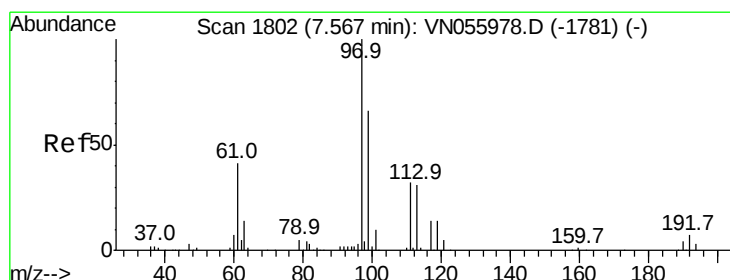
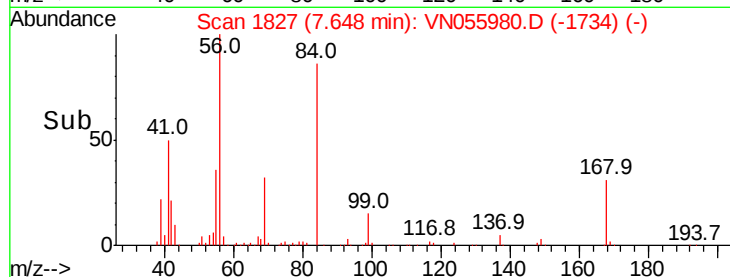
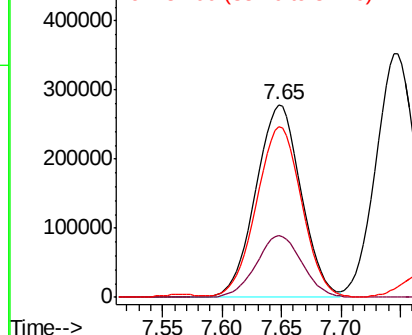
84 87.5 67.4 101.0

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Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO



#32

1,1,1-Trichloroethane

Concen: 158.417 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

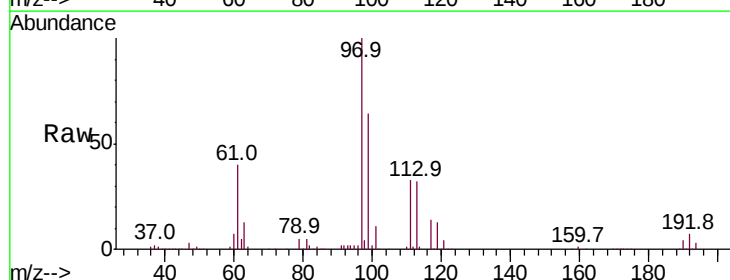
Tgt Ion: 97 Resp: 679585

Ion Ratio Lower Upper

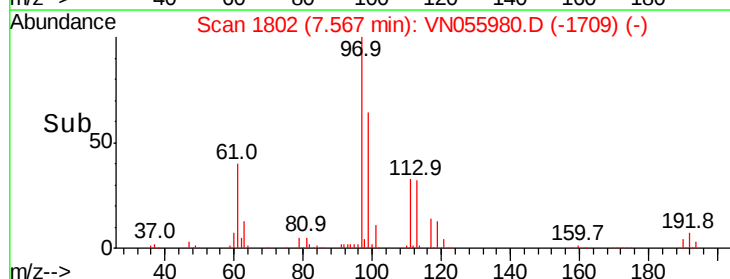
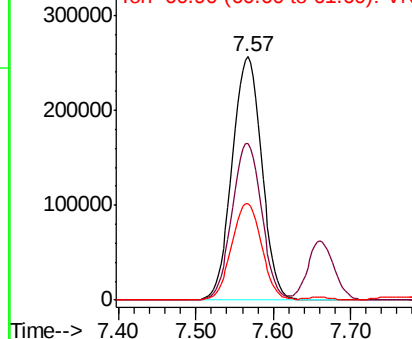
97 100

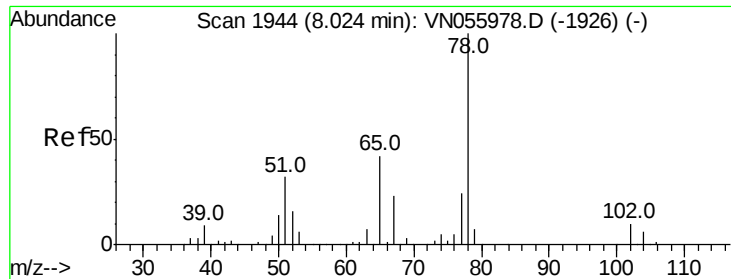
99 64.5 52.0 78.0

61 40.3 32.9 49.3



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO





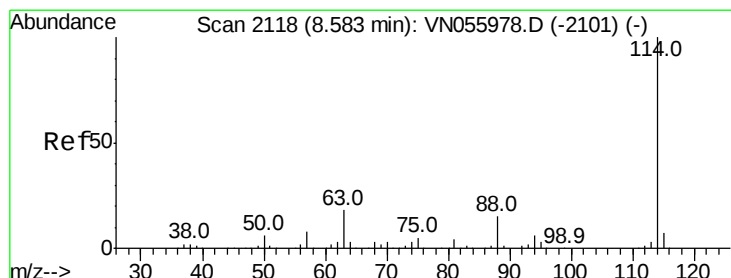
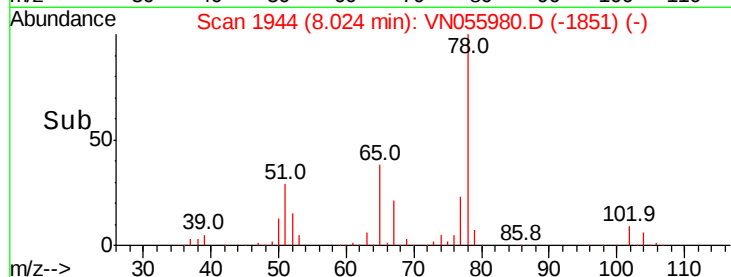
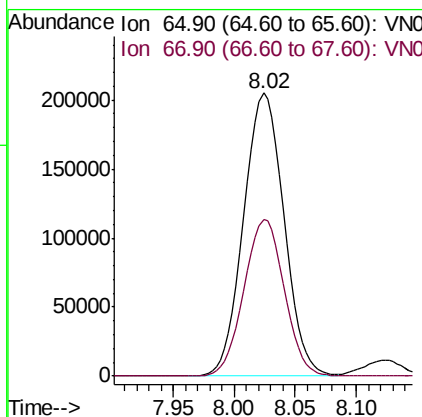
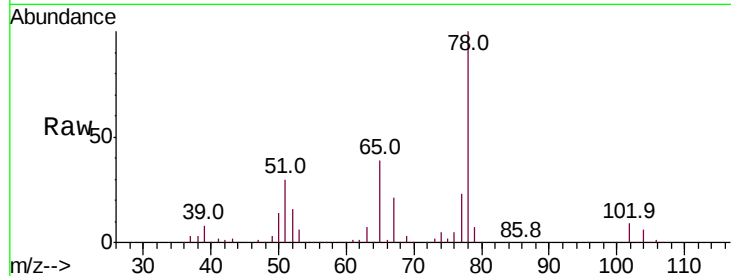
#33
 1,2-Dichloroethane-d4
 Concen: 144.392 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	109.2

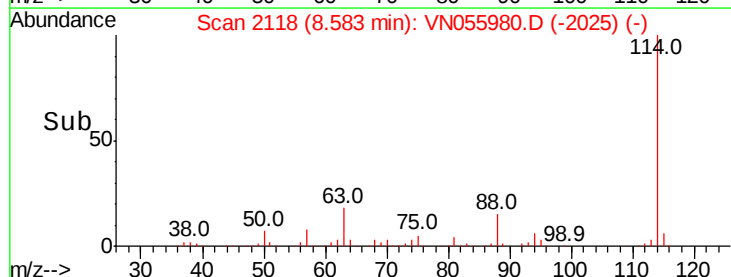
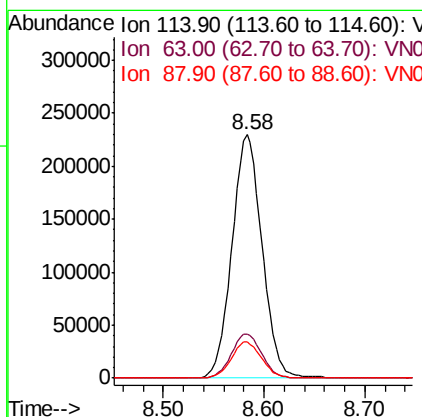
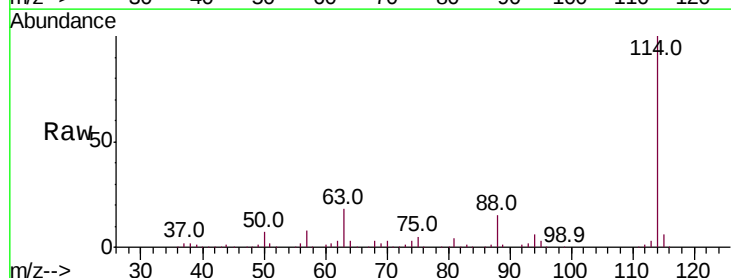
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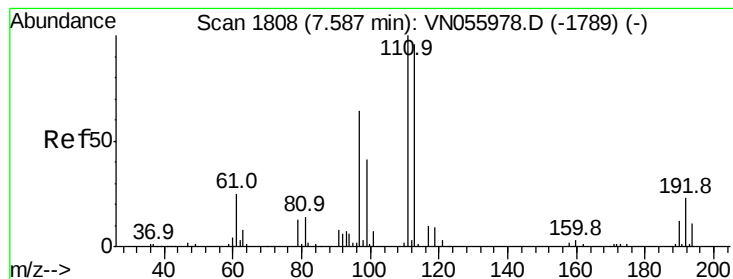
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	39.2
88	14.6	0.0	31.0





#35

Dibromofluoromethane

Concen: 149.240 ug/l

RT: 7.59 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

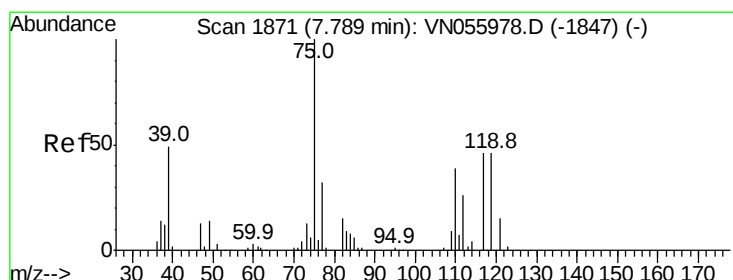
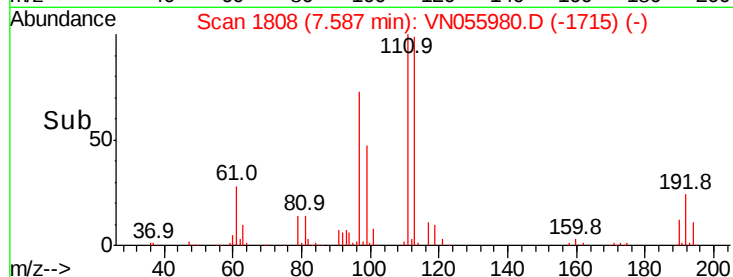
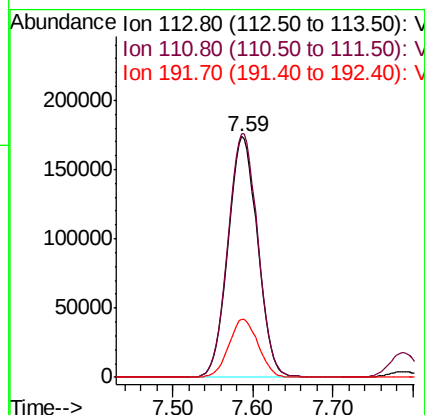
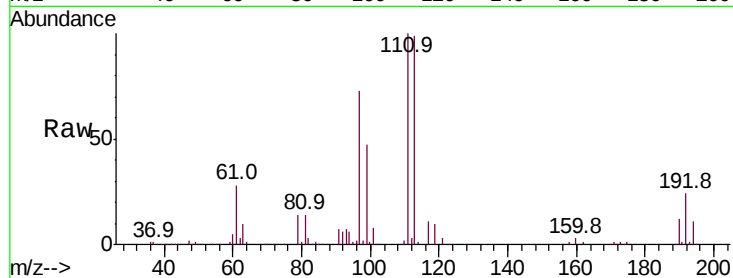
ClientSampleId :

VSTDIC150

Tot Ion:	113	Resp:	436503
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.9	122.9
192	24.0	19.5	29.3

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#36

1,1-Dichloropropene

Concen: 148.484 ug/l

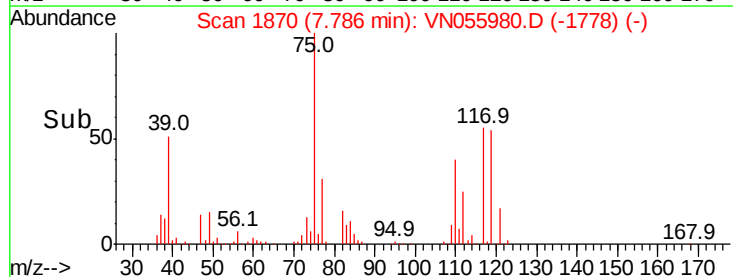
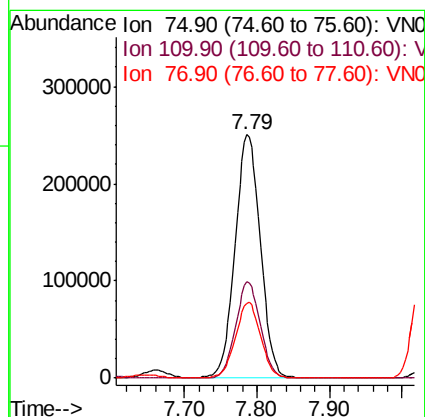
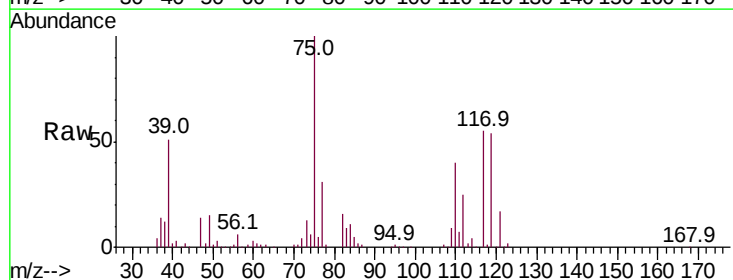
RT: 7.79 min Scan# 1870

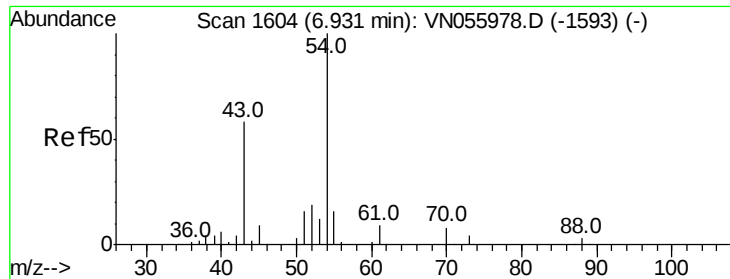
Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Tgt Ion:	75	Resp:	609062
Ion Ratio	Lower	Upper	
75	100		
110	38.5	19.0	57.0
77	31.0	25.1	37.7





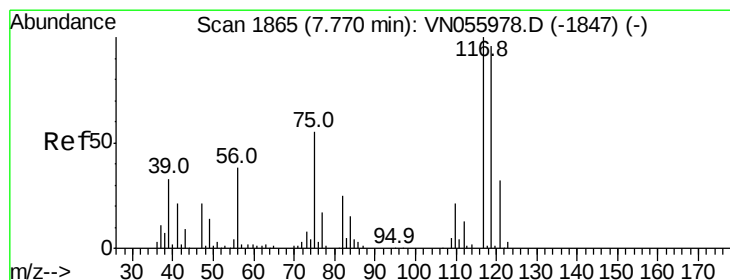
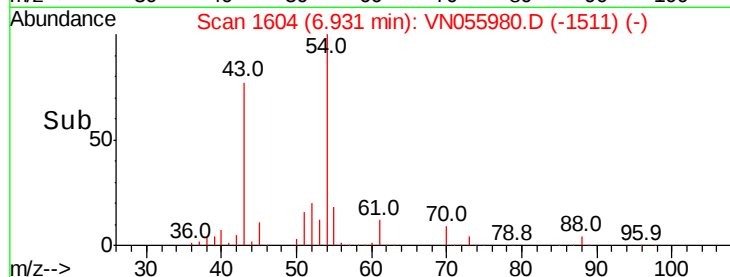
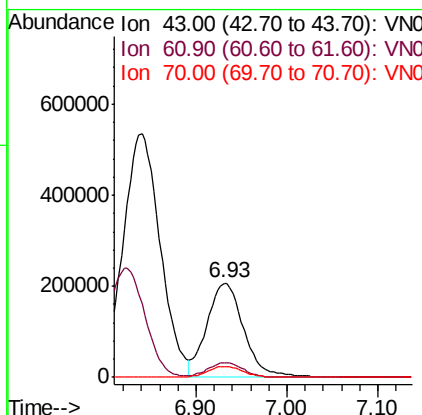
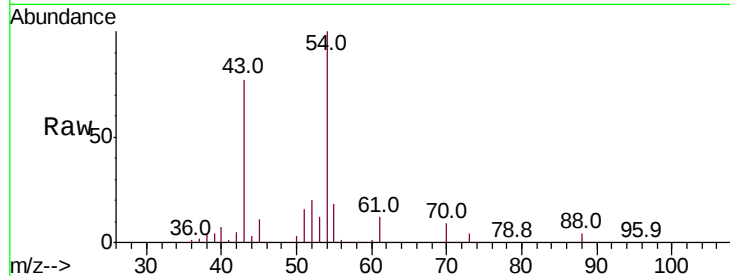
#37
Ethyl Acetate
Concen: 159.983 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	12.2	18.2
70	11.3	8.9	13.3

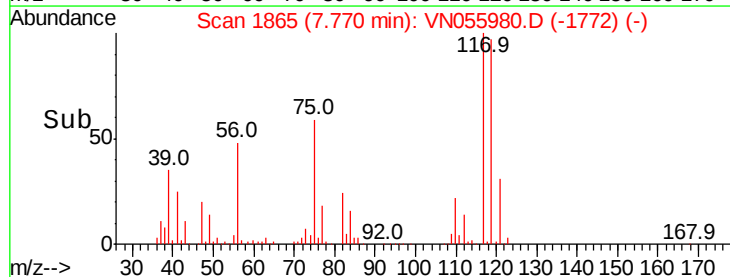
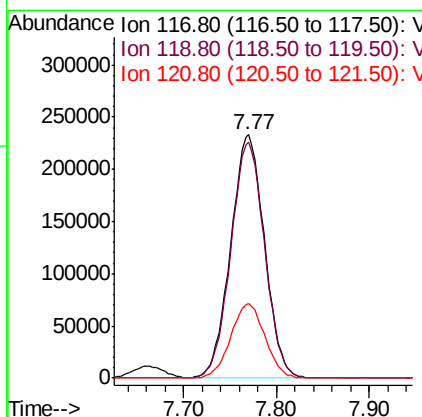
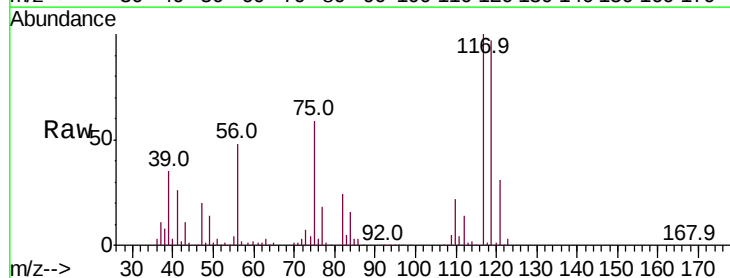
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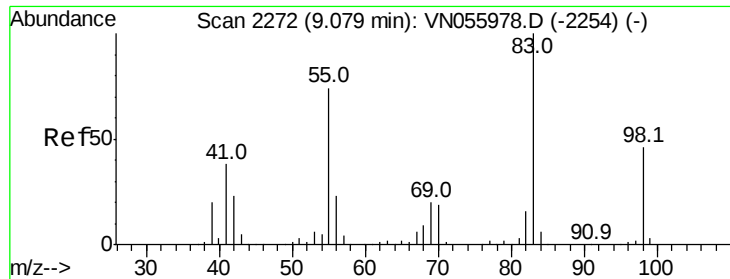
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#38
Carbon Tetrachloride
Concen: 156.918 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	79.0	118.6
121	30.7	24.7	37.1





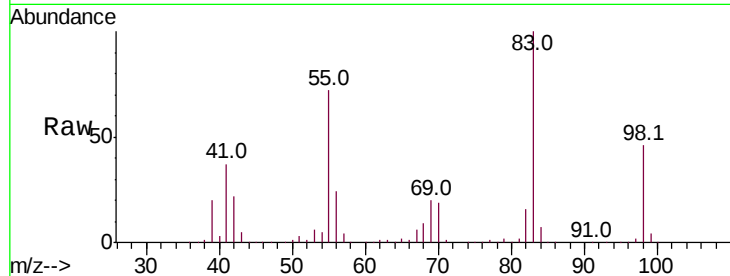
#39
Methvlcvclohexane
Concen: 152.894 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.5	59.3	88.9
98	46.3	36.6	54.8

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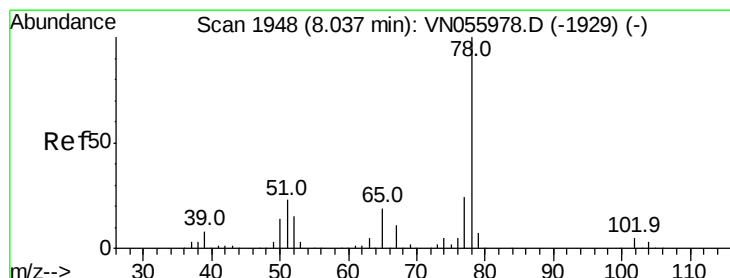
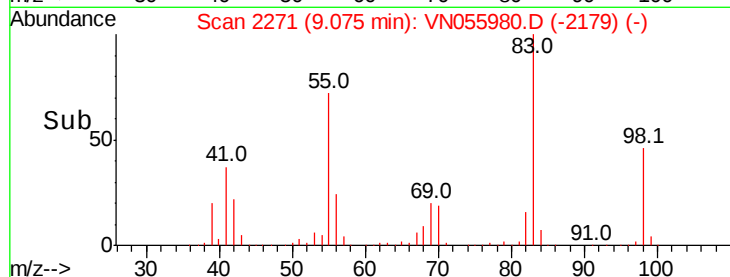
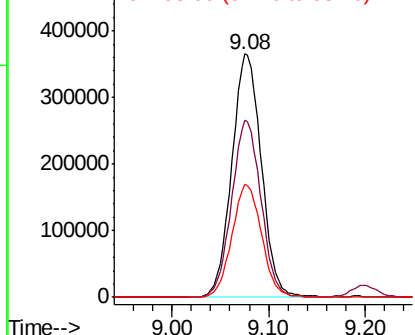


Abundance

Ion 83.00 (82.70 to 83.70): VN0

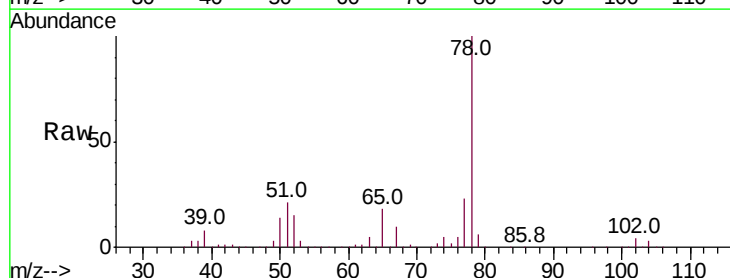
Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40
Benzene
Concen: 150.569 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

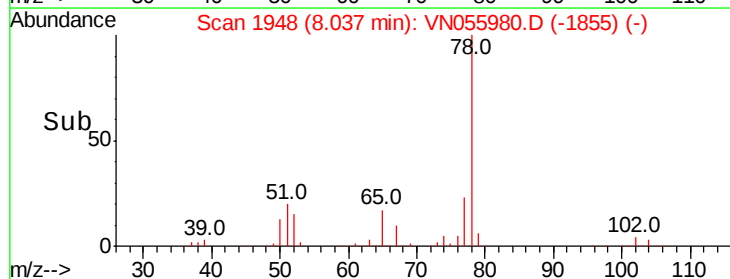
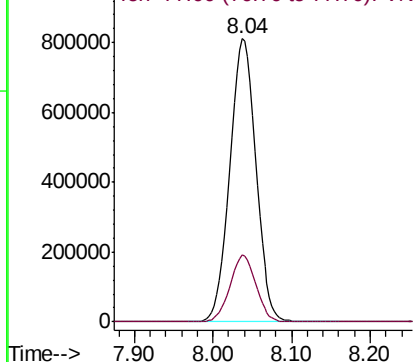
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2

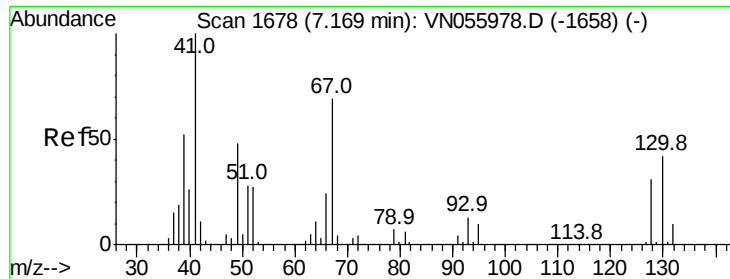


Abundance

Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





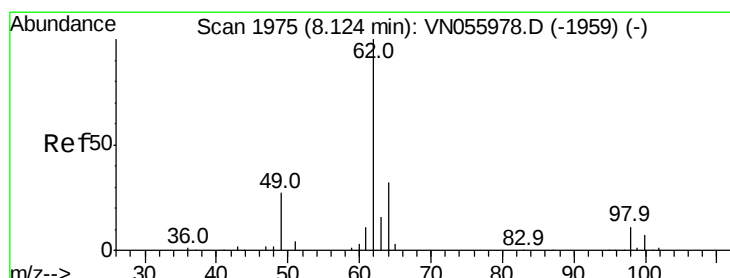
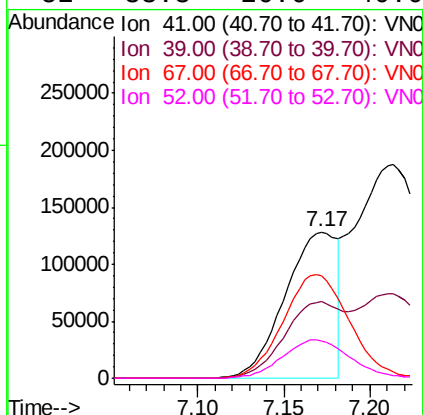
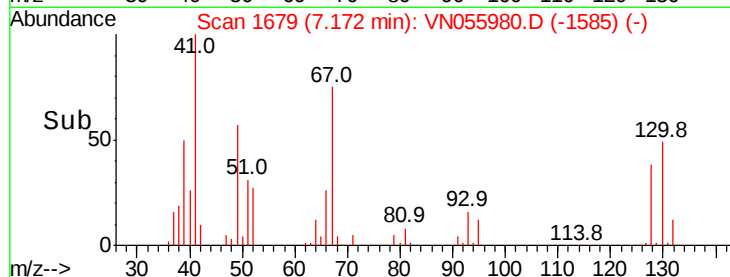
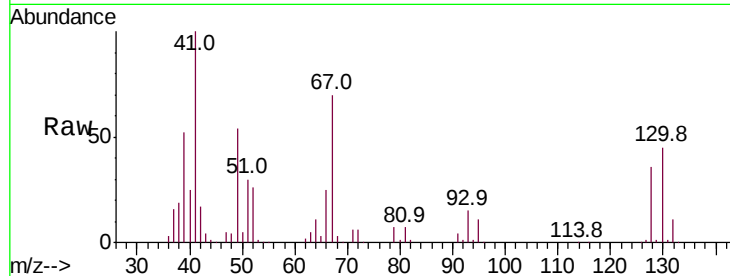
#41
Methacrylonitrile
Concen: 164.319 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
41	100		
39	60.5	45.6	68.4
67	90.7	67.7	101.5
52	33.3	26.6	40.0

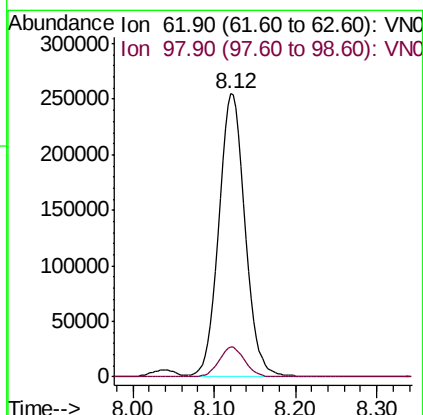
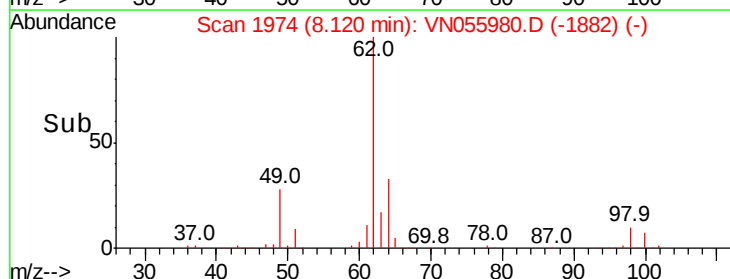
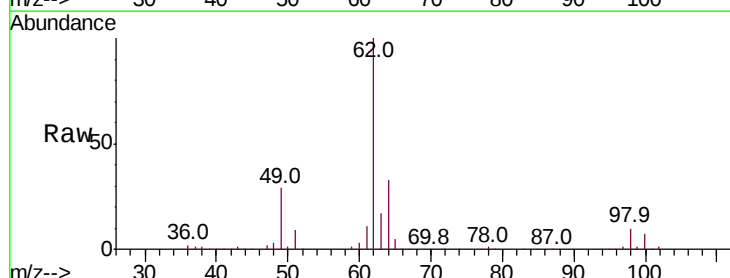
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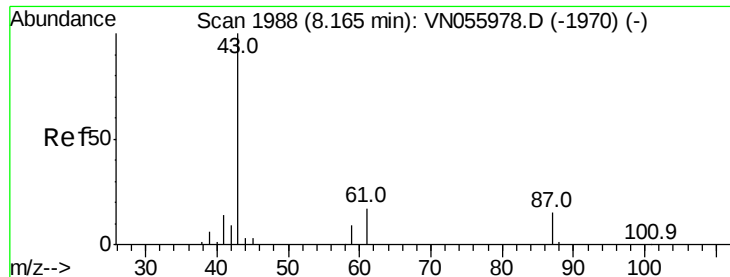
MMDadoda
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#42
1,2-Dichloroethane
Concen: 144.112 ug/l
RT: 8.12 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.2





#43

Isopropyl Acetate

Concen: 164.205 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

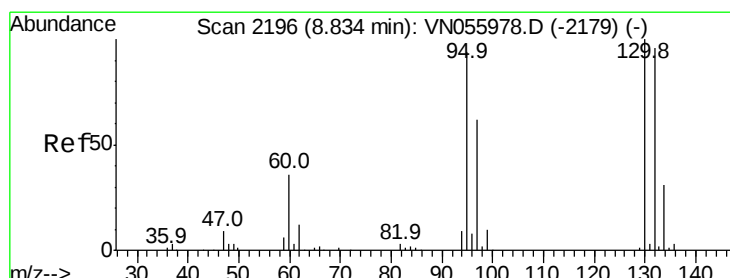
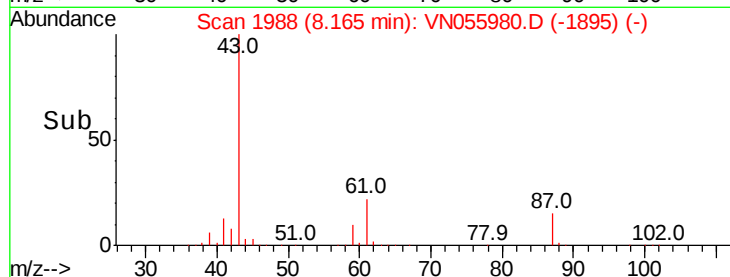
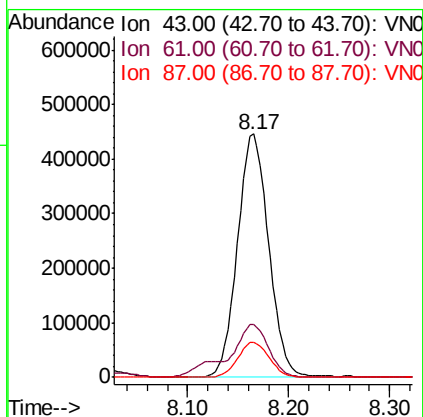
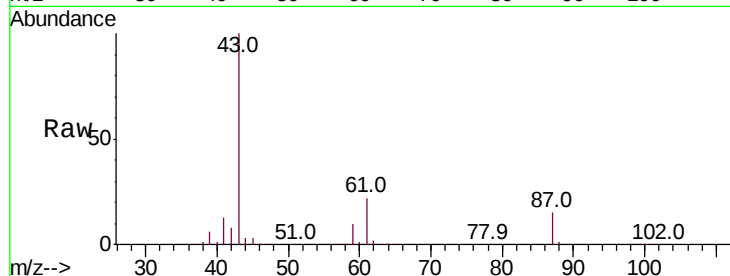
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	954440
Ion	Ratio	Lower	Upper
43	100		
61	21.8	22.2	33.4#
87	14.6	11.4	17.2

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#44

Trichloroethene

Concen: 150.548 ug/l

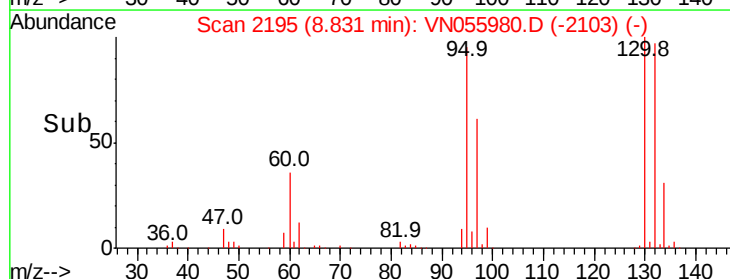
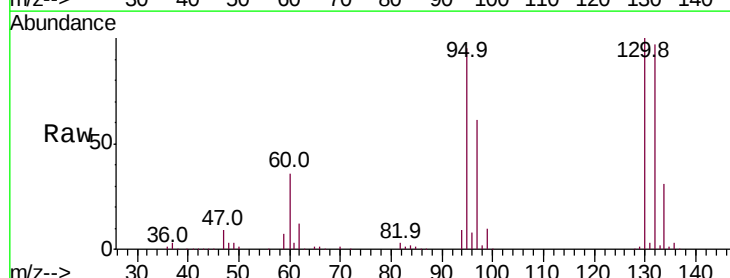
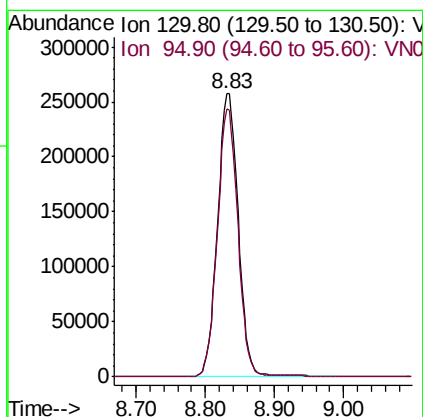
RT: 8.83 min Scan# 2195

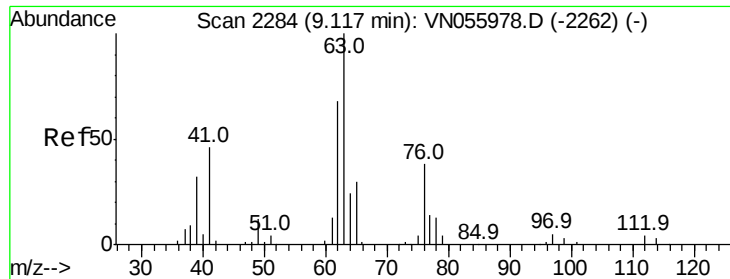
Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Tgt Ion:	130	Resp:	537710
Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	188.0





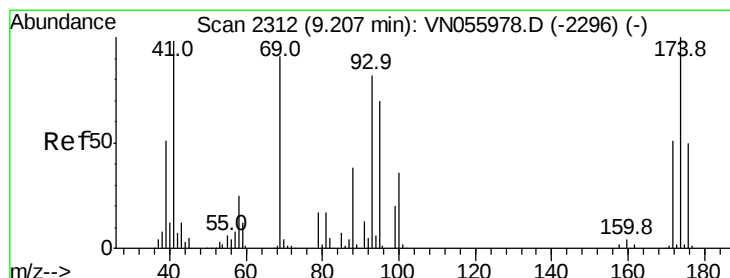
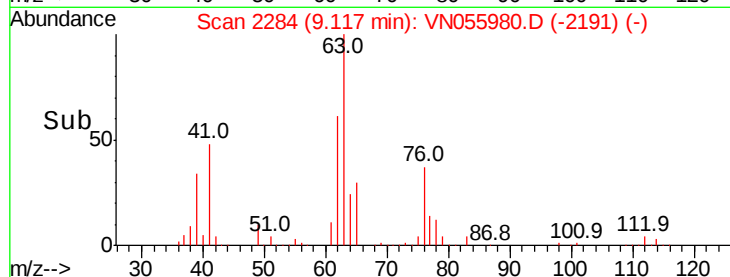
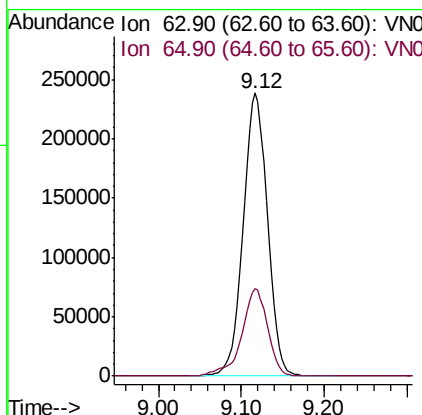
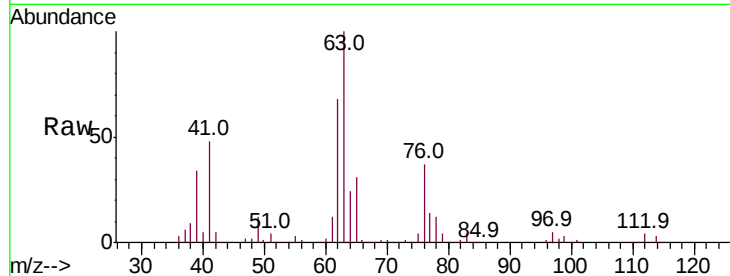
#45
 1,2-Dichloropropane
 Concen: 152.709 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 63 Resp: 485030
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.6 36.8

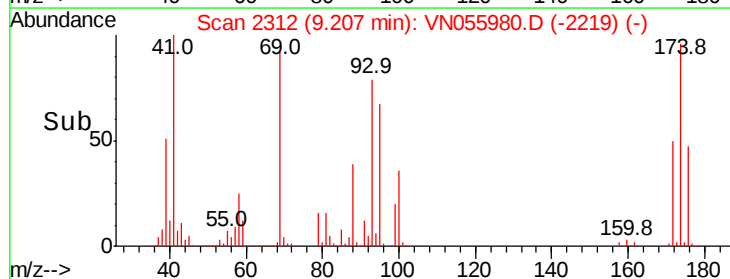
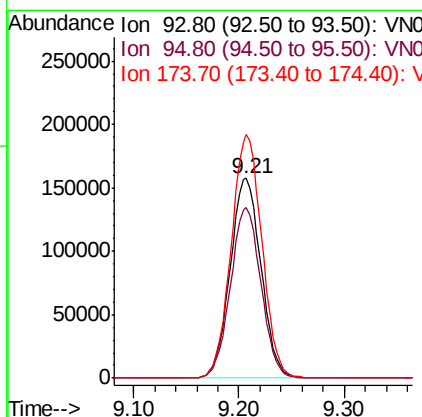
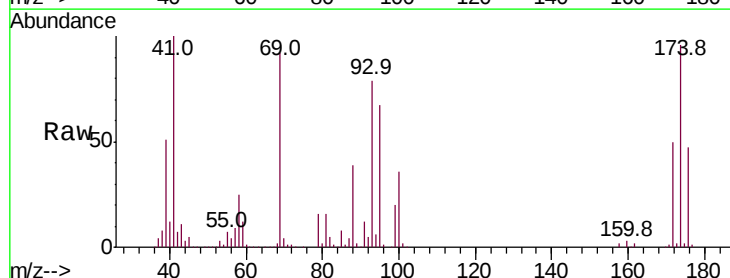
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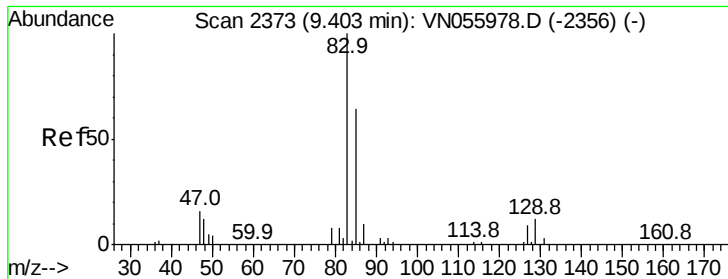
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#46
 Dibromomethane
 Concen: 153.765 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

Tgt Ion: 93 Resp: 318995
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.7 100.1
 174 121.4 96.4 144.6





#47

Bromodichloromethane

Concen: 165.169 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

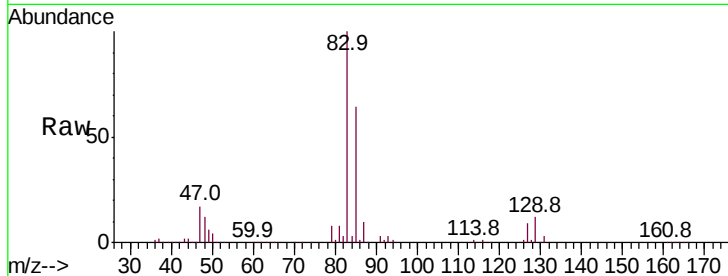
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	613289
Ion Ratio	Lower	Upper	
83	100		
85	63.9	52.2	78.2
127	9.3	7.4	11.0

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Abundance Ion 82.90 (82.60 to 83.60): VN055978.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN055978.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN055978.D (-2356) (-)

9.40

400000

300000

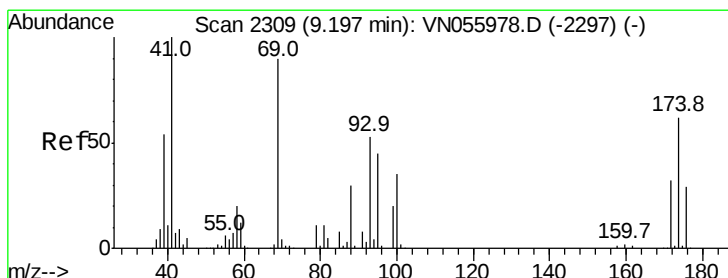
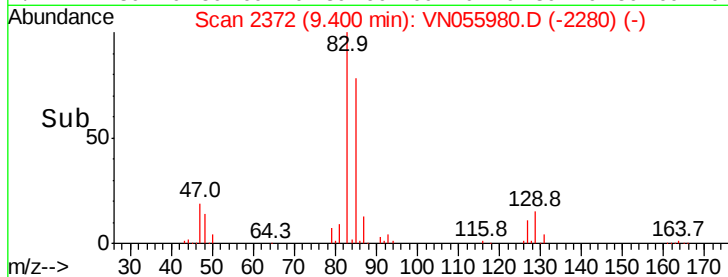
200000

100000

0

9.30 9.40 9.50

Time-->



#48

Methyl methacrylate

Concen: 161.888 ug/l

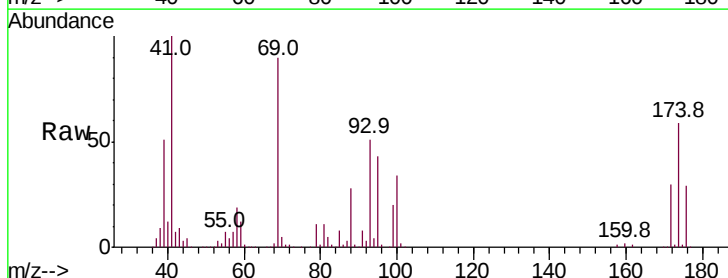
RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Tgt Ion:	41	Resp:	461519
Ion Ratio	Lower	Upper	
41	100		
69	92.7	71.0	106.6
39	52.8	44.2	66.2



Abundance Ion 41.00 (40.70 to 41.70): VN055978.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN055978.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN055978.D (-2297) (-)

9.20

300000

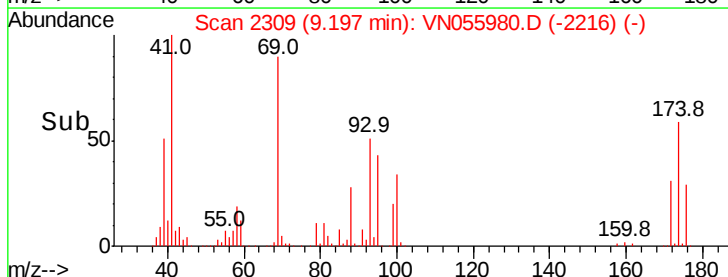
200000

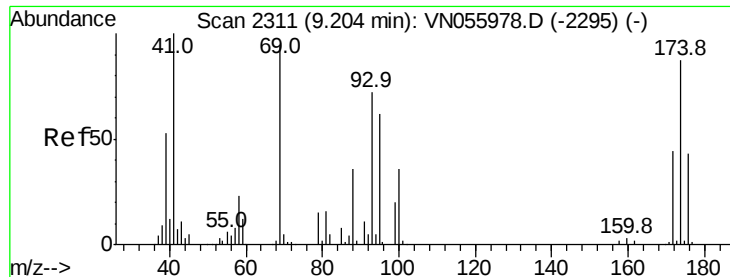
100000

0

9.15 9.20 9.25

Time-->





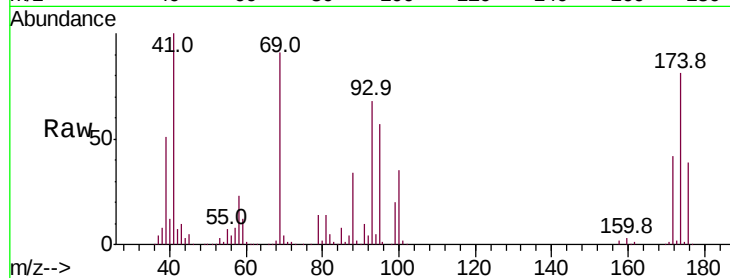
#49
1,4-Dioxane
Concen: 3111.546 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	24.9	20.5	30.7
58	67.4	55.8	83.6

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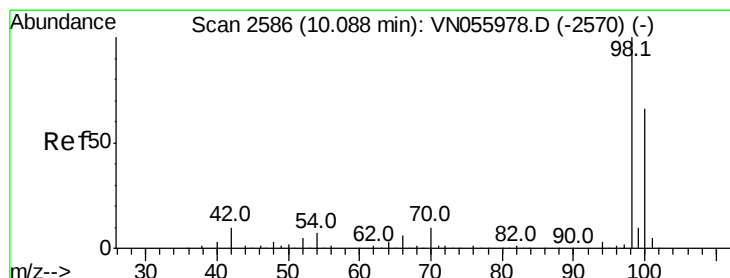
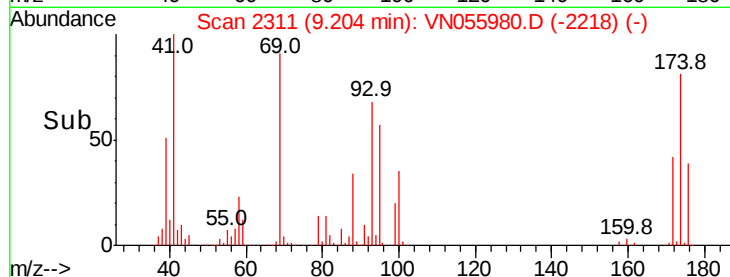
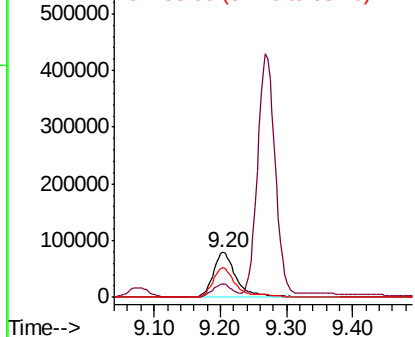


Abundance

Ion 88.00 (87.70 to 88.70): VN0

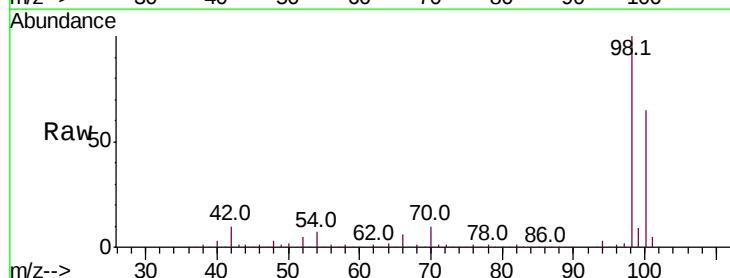
Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50
Toluene-d8
Concen: 150.707 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

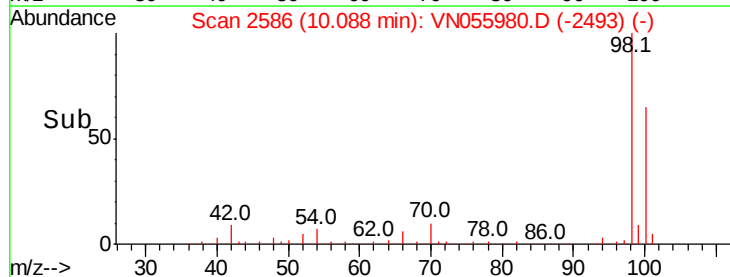
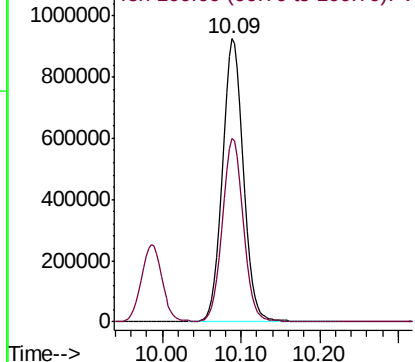
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.9	77.9

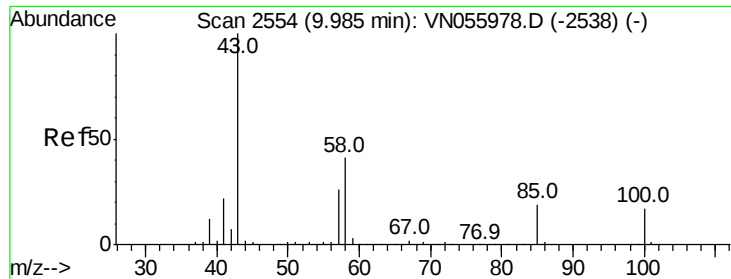


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 766.269 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Tot Ion: 43 Resp: 2819037

Ion Ratio Lower Upper

43 100

58 41.0 32.1 48.1

Instrument :

MSVOA_N

ClientSampled :

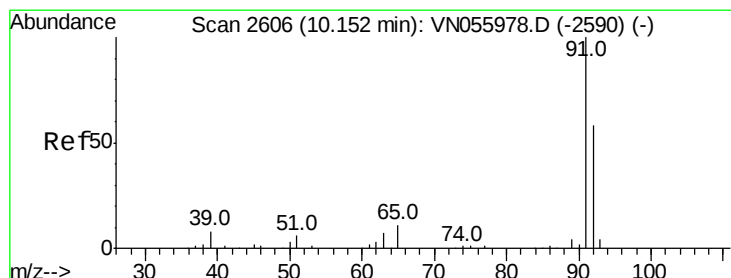
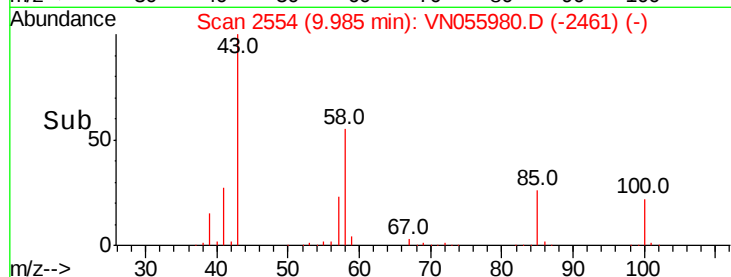
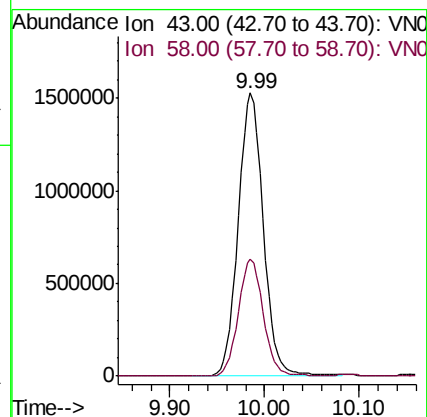
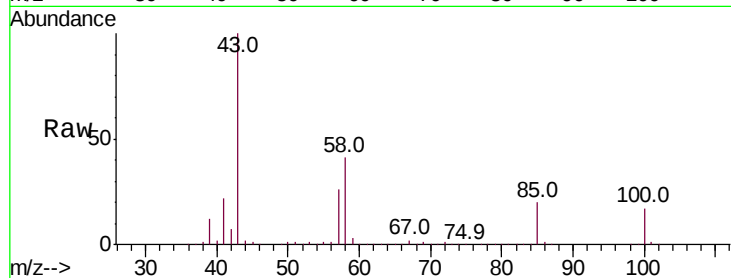
VSTDIC150

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#52

Toluene

Concen: 156.311 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN055980.D

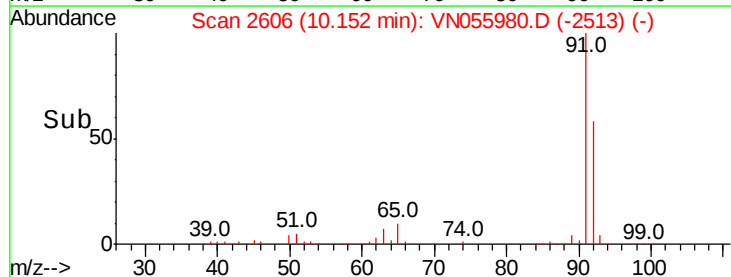
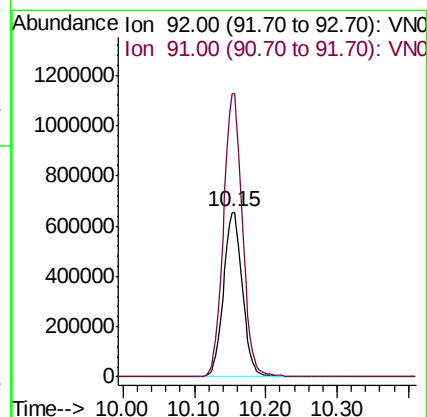
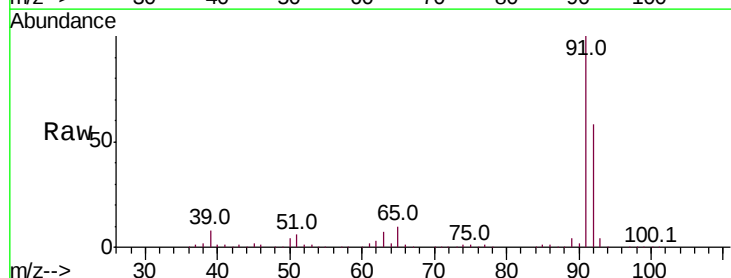
Acq: 4 Jun 2019 10:27

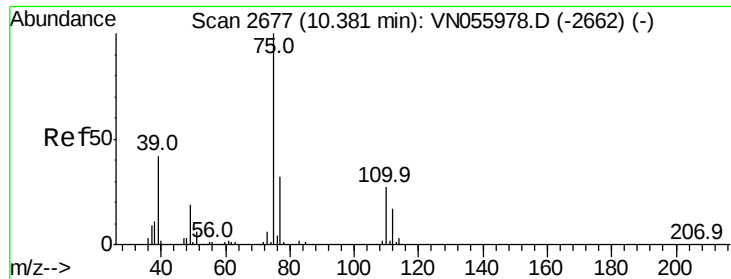
Tgt Ion: 92 Resp: 1201310

Ion Ratio Lower Upper

92 100

91 172.9 139.4 209.2





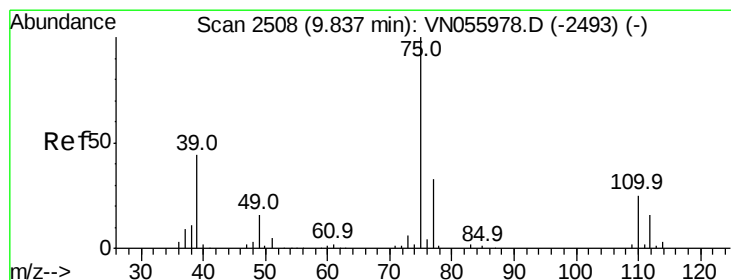
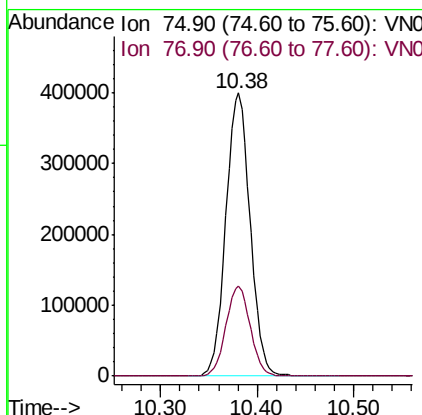
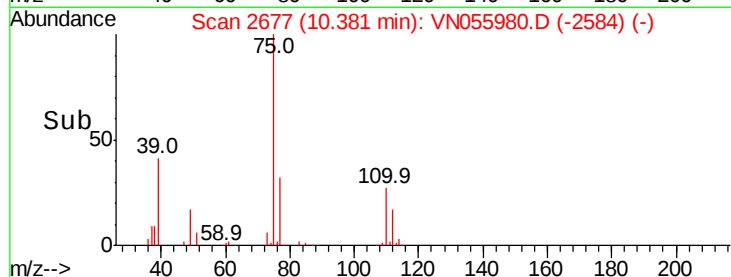
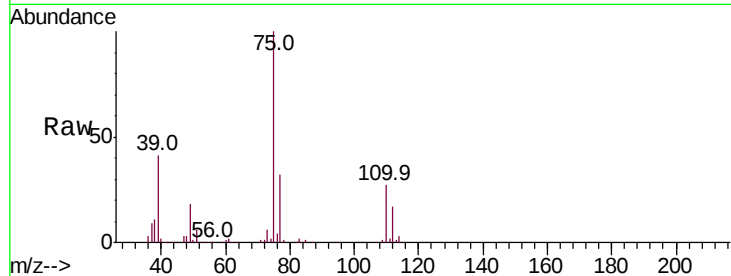
#53
 t-1,3-Dichloropropene
 Concen: 184.206 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. -0.00 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 75 Resp: 695180
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.6

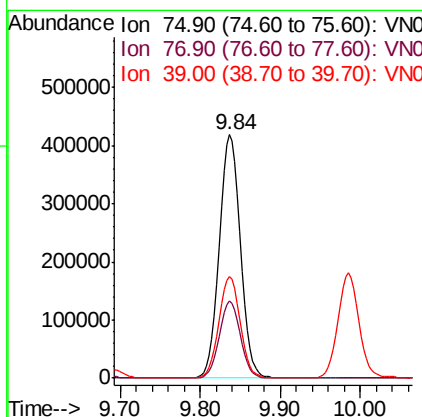
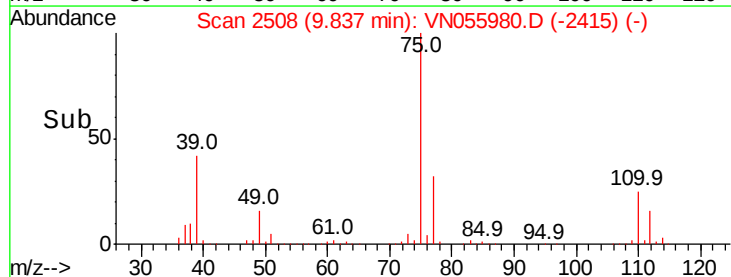
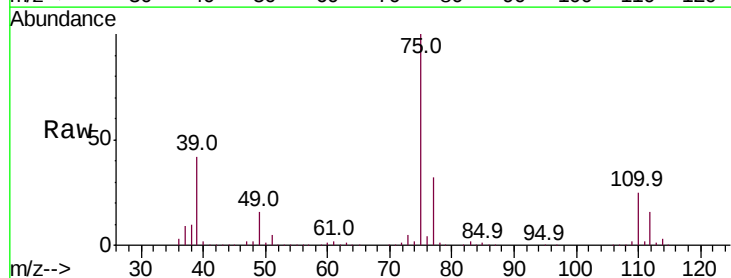
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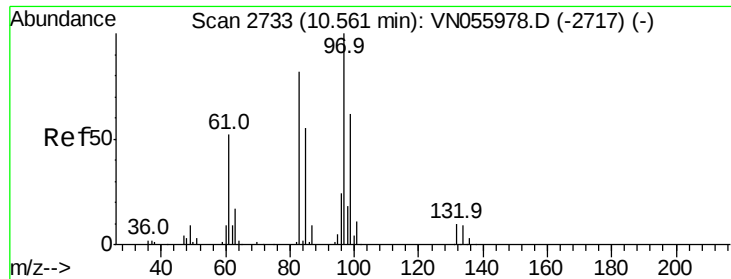
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#54
 cis-1,3-Dichloropropene
 Concen: 174.314 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

Tgt Ion: 75 Resp: 770297
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0
 39 41.8 36.3 54.5





#55

1,1,2-Trichloroethane

Concen: 156.004 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 97 Resp: 475085

Ion Ratio Lower Upper

97 100

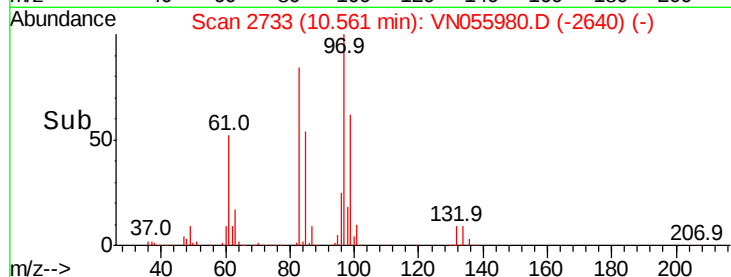
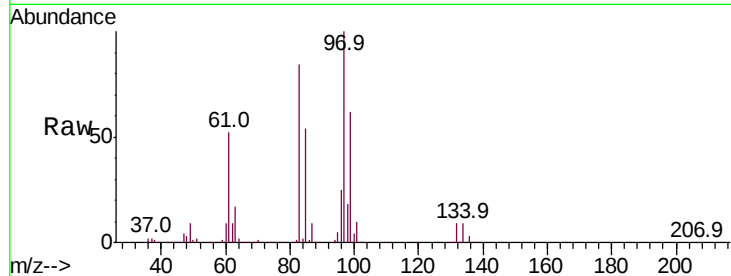
83 84.3 67.0 100.6

85 54.0 44.0 66.0

99 62.1 50.6 75.8

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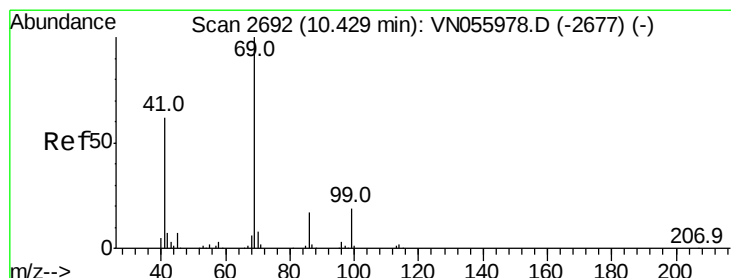
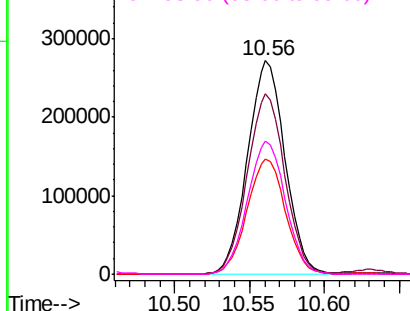
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 167.159 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

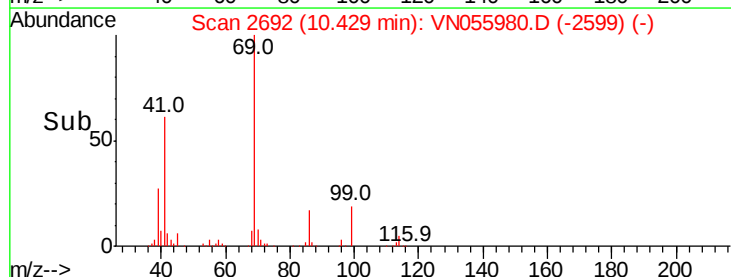
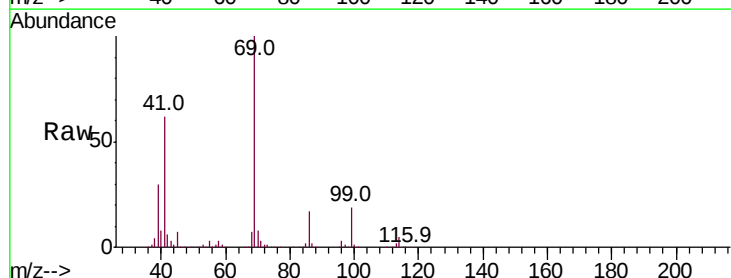
Tgt Ion: 69 Resp: 733625

Ion Ratio Lower Upper

69 100

41 61.4 49.7 74.5

39 29.5 24.7 37.1

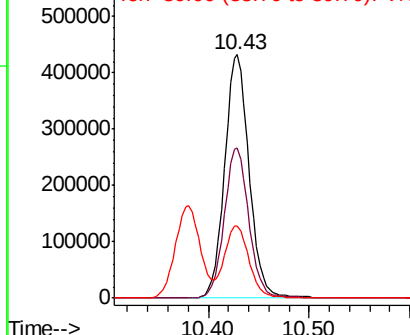


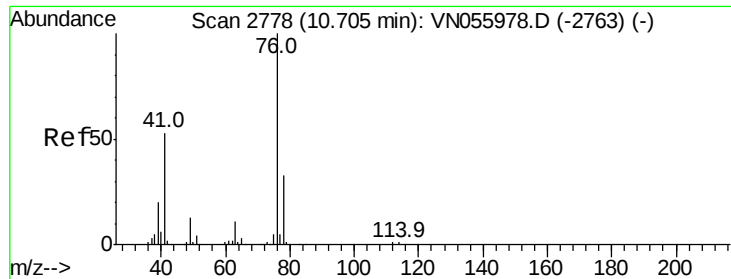
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 156.653 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tot Ion: 76 Resp: 774973

Ion Ratio Lower Upper

76 100

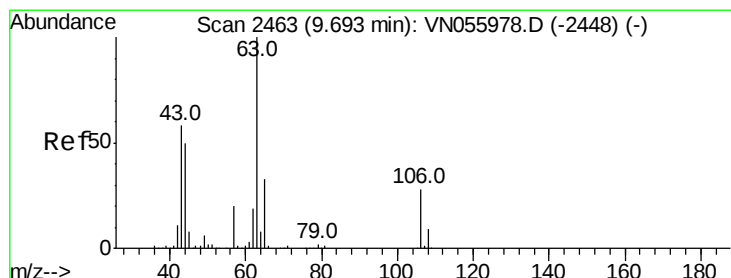
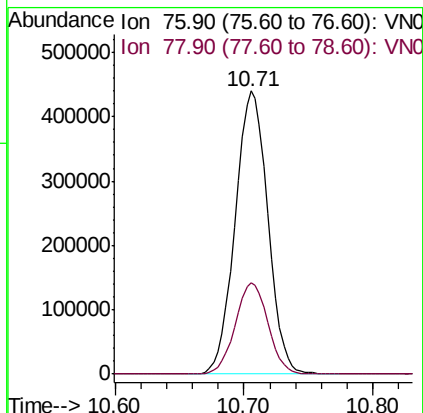
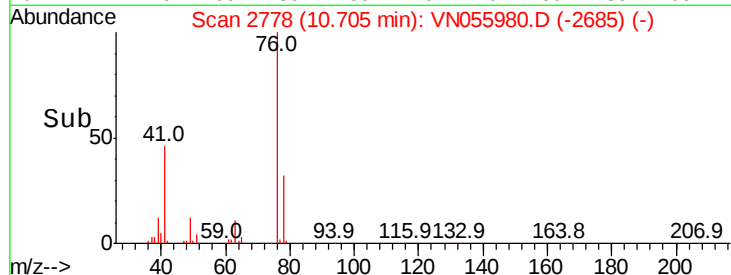
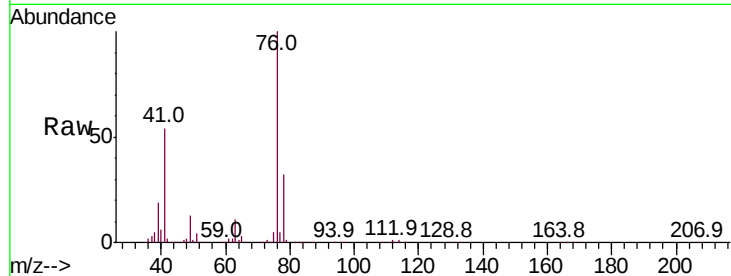
78 32.3 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 933.902 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN055980.D

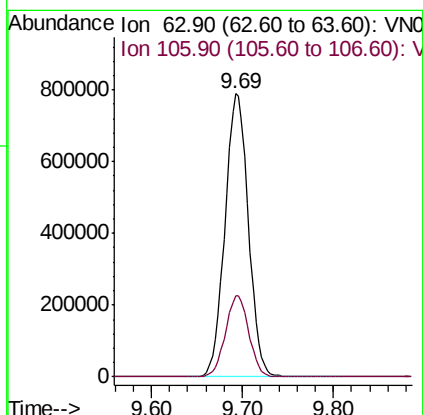
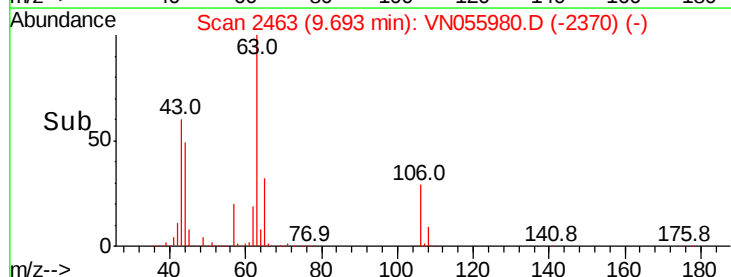
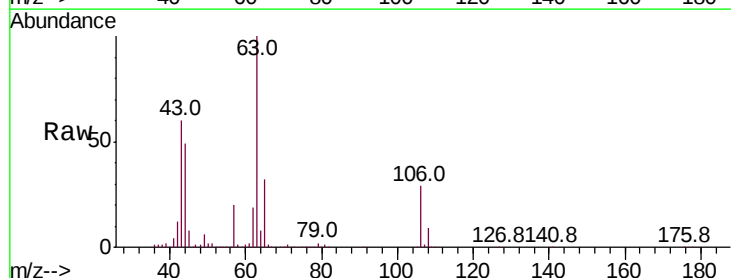
Acq: 4 Jun 2019 10:27

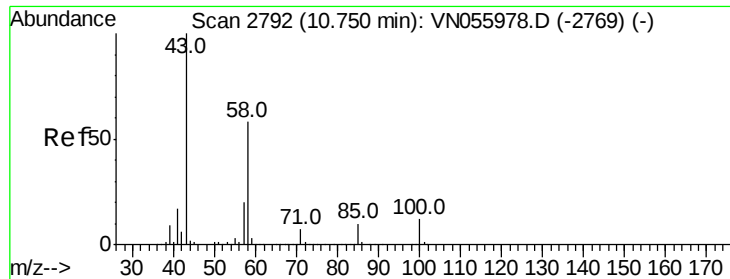
Tgt Ion: 63 Resp: 1408558

Ion Ratio Lower Upper

63 100

106 28.5 22.7 34.1





#59

2-Hexanone

Concen: 769.784 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tot Ion: 43 Resp: 2050950

Ion Ratio Lower Upper

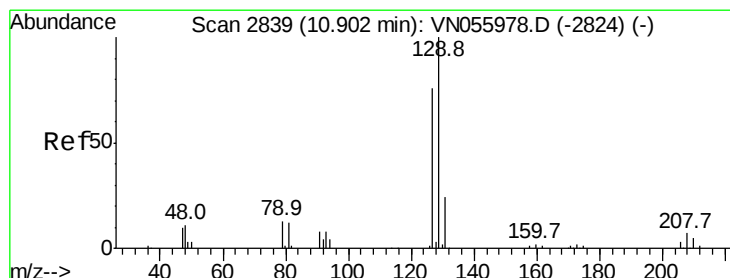
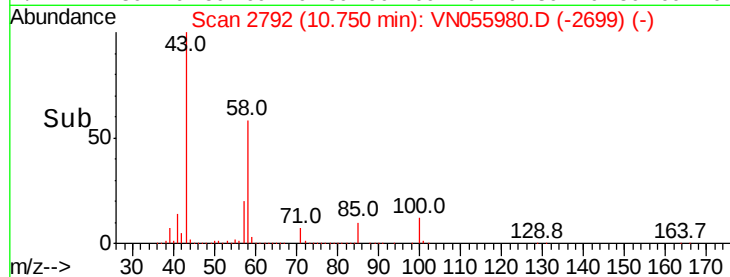
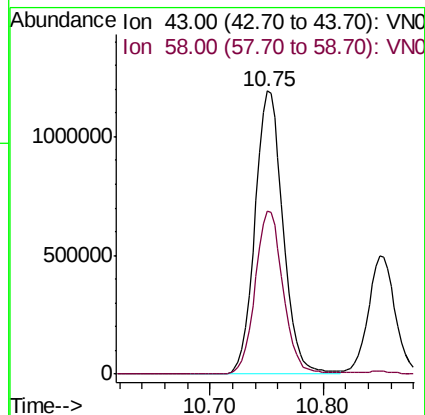
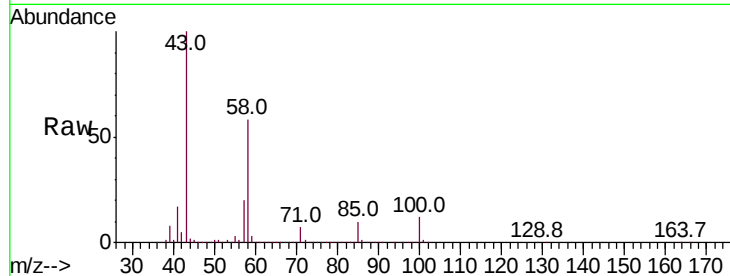
43 100

58 57.5 28.2 84.7

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#60

Dibromochloromethane

Concen: 186.422 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. -0.00 min

Lab File: VN055980.D

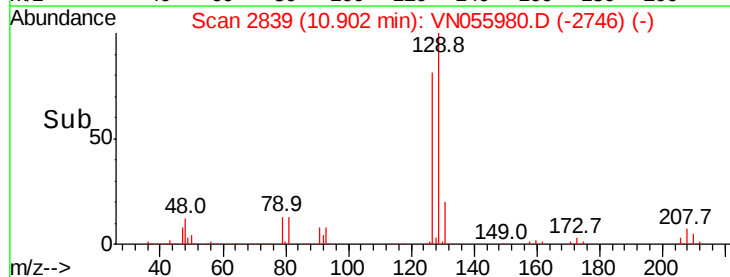
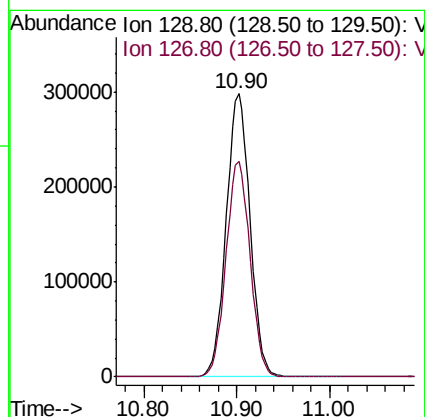
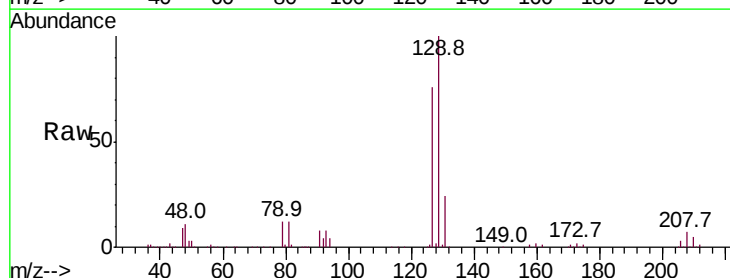
Acq: 4 Jun 2019 10:27

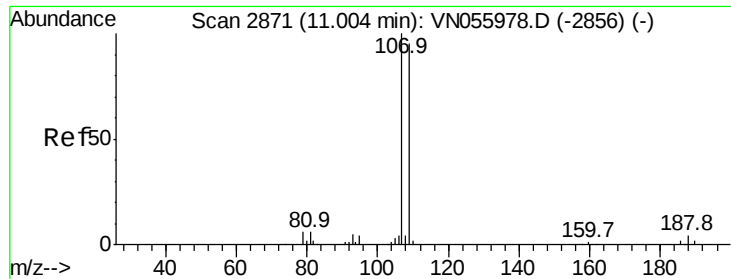
Tgt Ion: 129 Resp: 531089

Ion Ratio Lower Upper

129 100

127 76.9 38.1 114.3





#61

1,2-Dibromoethane

Concen: 163.955 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:107 Resp: 505993

Ion Ratio Lower Upper

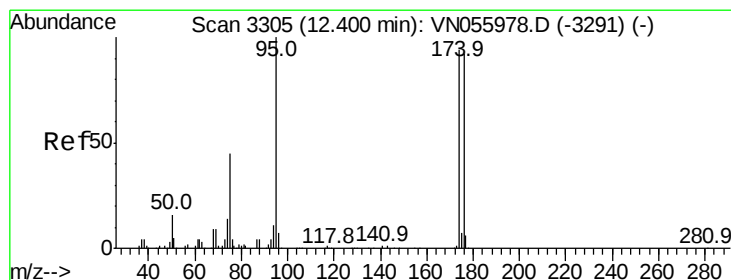
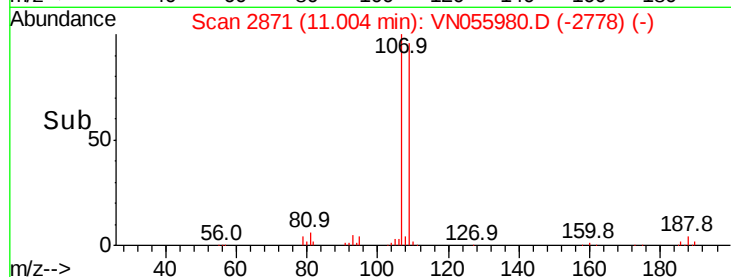
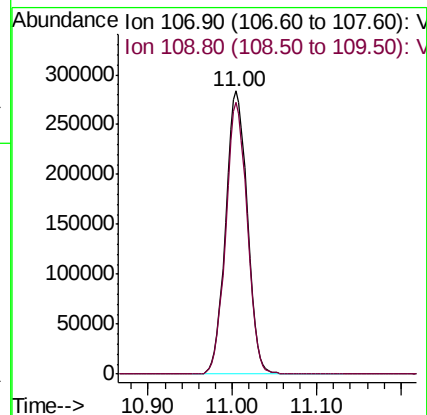
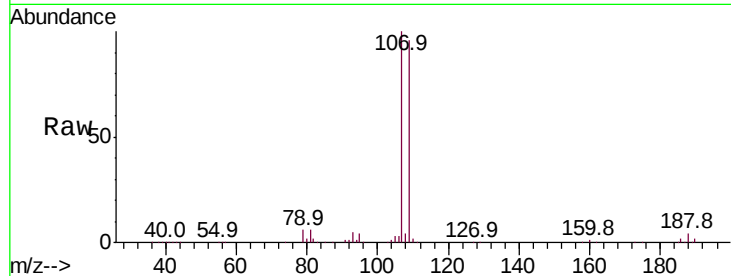
107 100

109 95.2 74.8 112.2

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#62

4-Bromofluorobenzene

Concen: 156.269 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

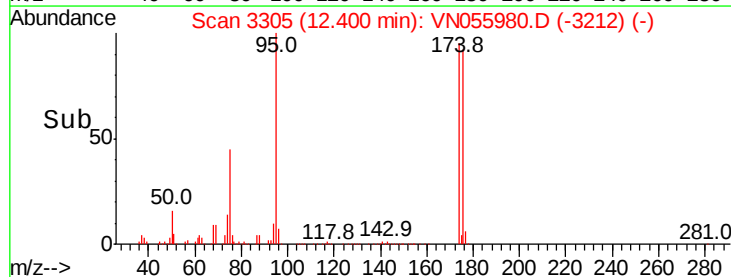
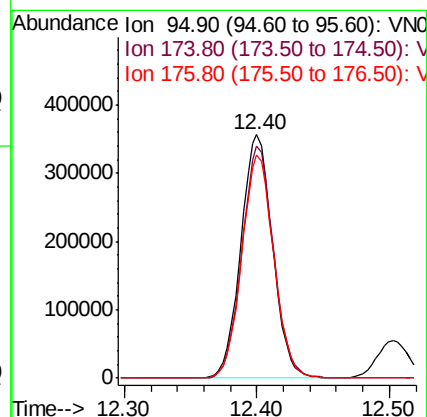
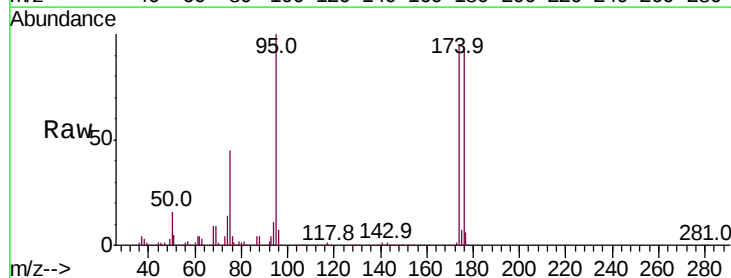
Tgt Ion: 95 Resp: 592557

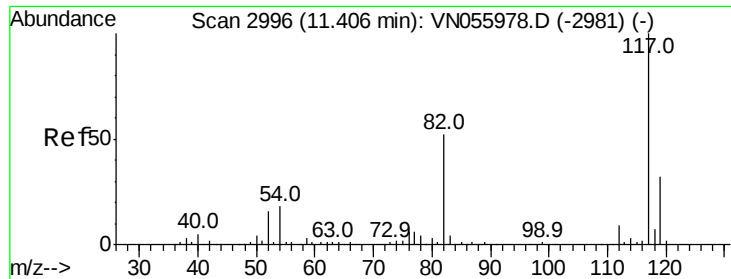
Ion Ratio Lower Upper

95 100

174 95.4 0.0 191.0

176 92.3 0.0 185.2





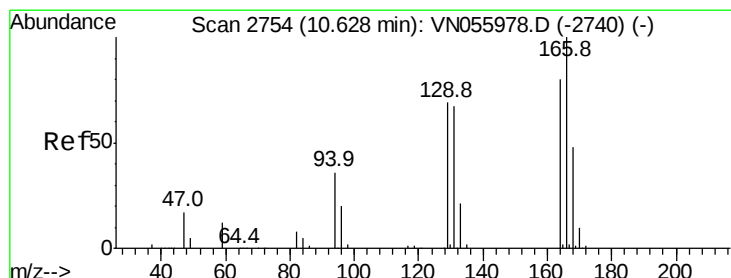
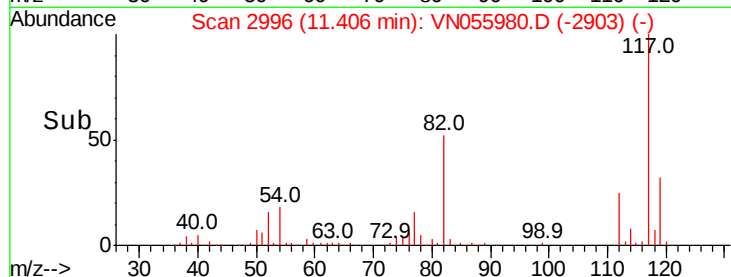
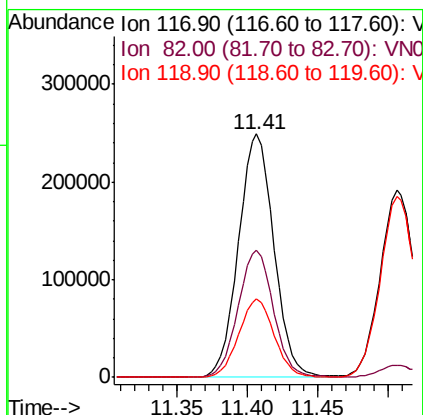
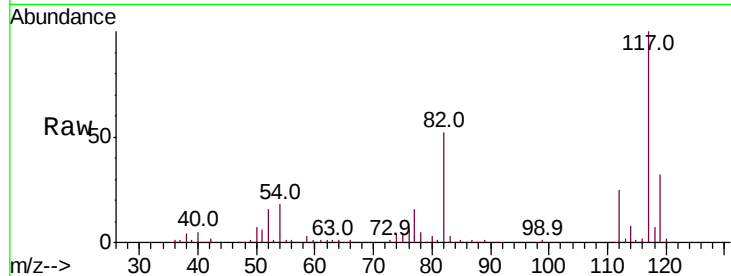
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.8	62.8
119	32.1	25.4	38.0

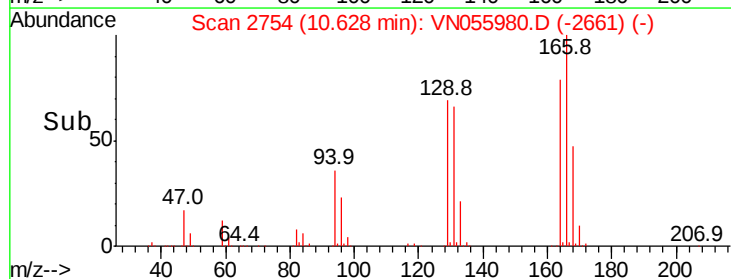
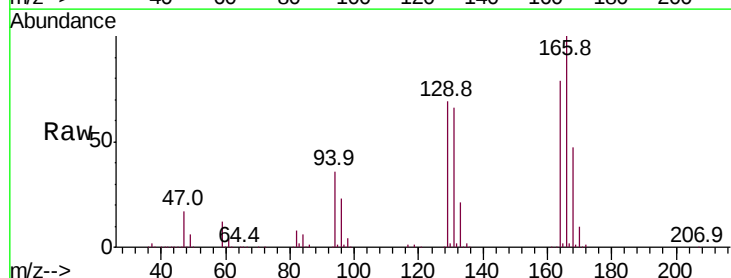
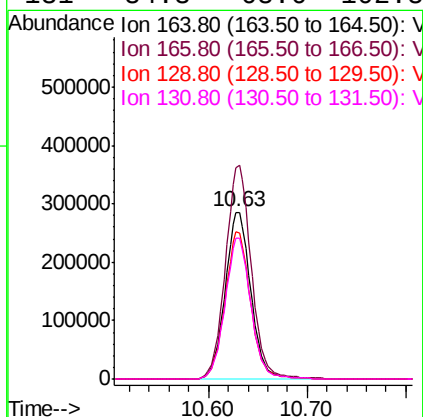
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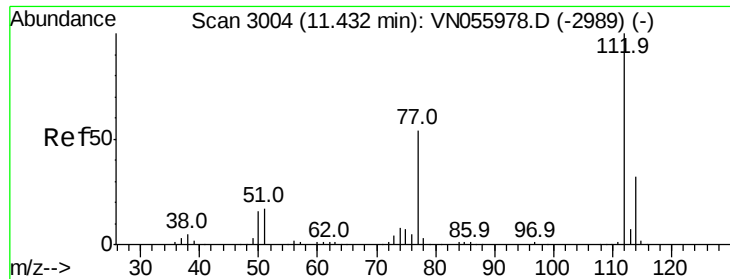
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#64
Tetrachloroethene
Concen: 134.505 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	103.0	154.6
129	88.1	70.6	105.8
131	84.3	68.6	102.8





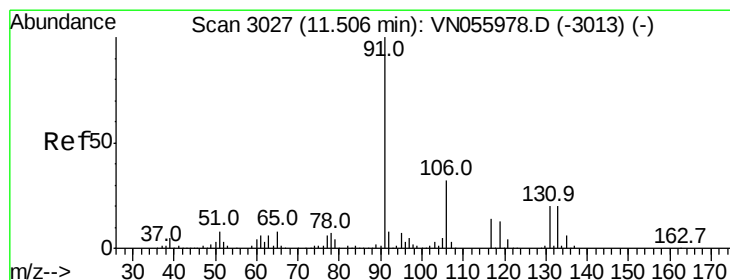
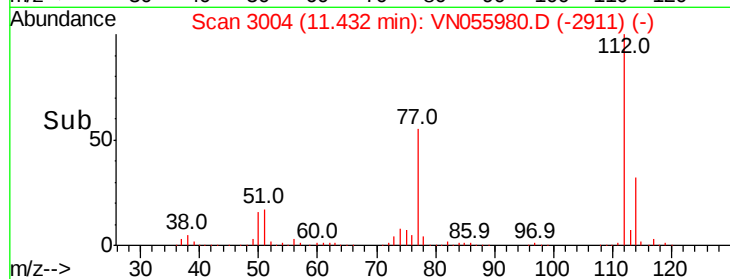
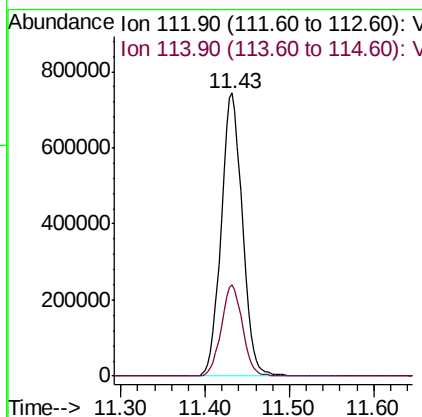
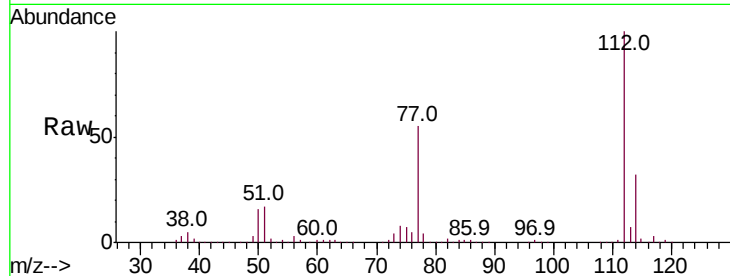
#65
Chlorobenzene
Concen: 148.074 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 1299062
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.4

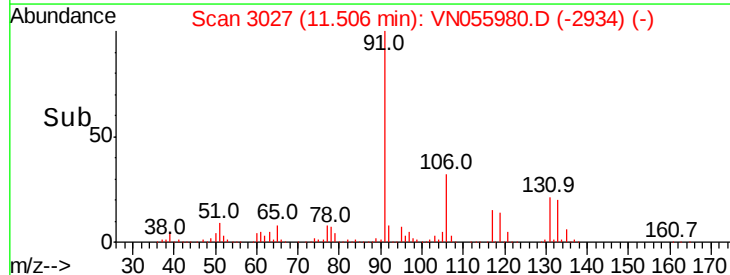
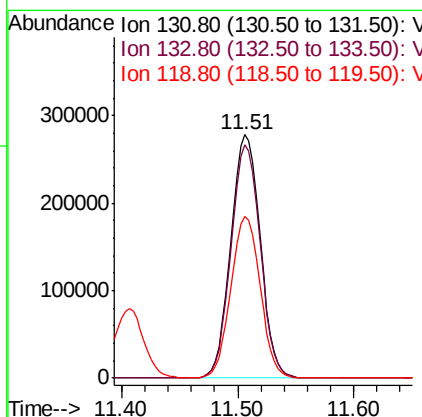
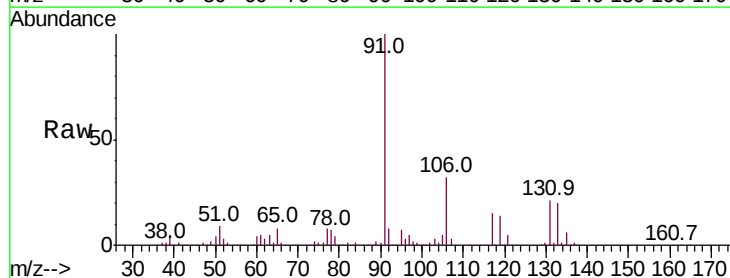
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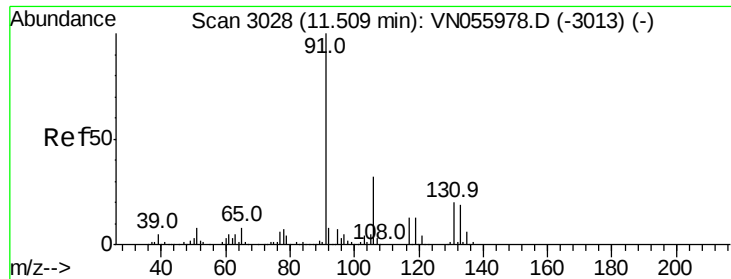
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#66
1,1,1,2-Tetrachloroethane
Concen: 163.633 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion:131 Resp: 487240
Ion Ratio Lower Upper
131 100
133 95.5 48.0 144.0
119 66.2 33.1 99.5





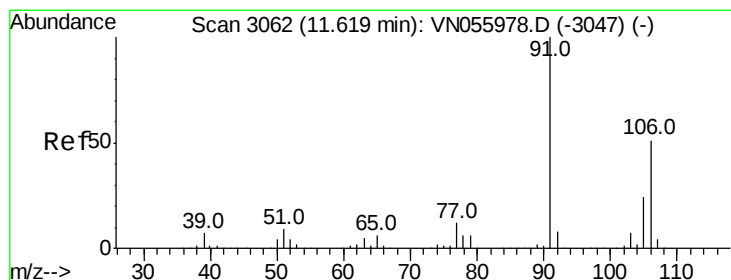
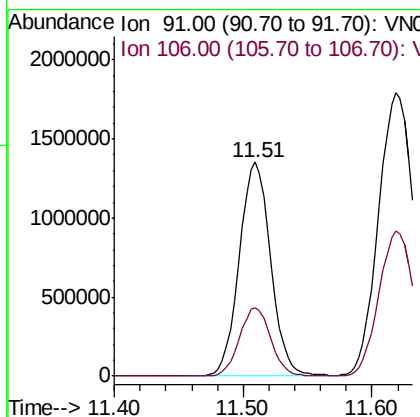
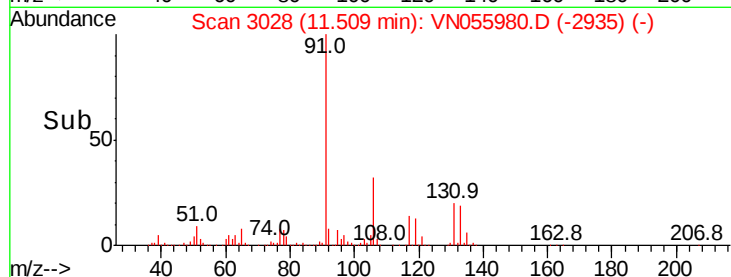
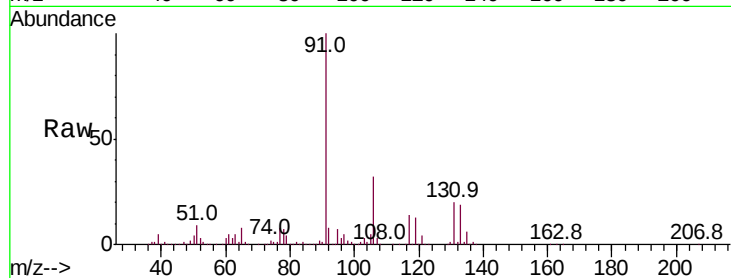
#67
Ethyl Benzene
Concen: 151.260 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 2299298
Ion Ratio Lower Upper
91 100
106 32.2 25.1 37.7

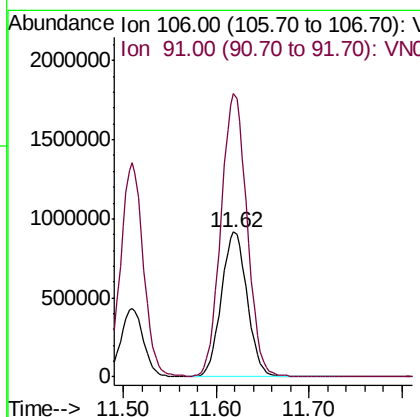
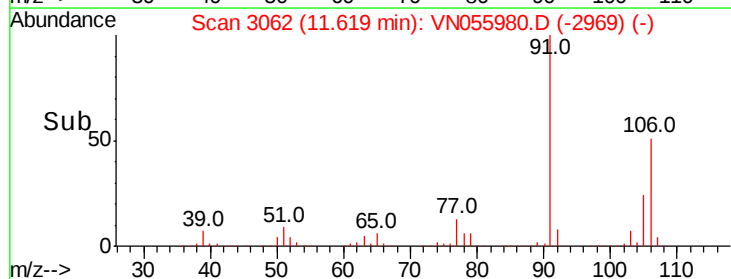
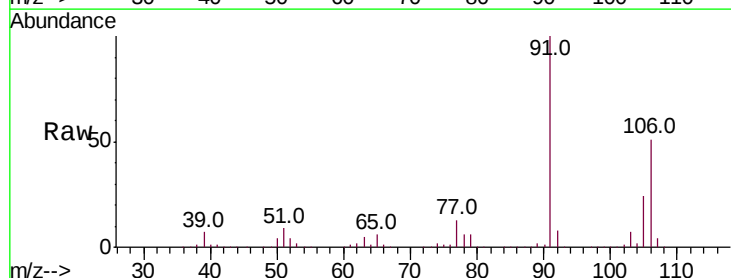
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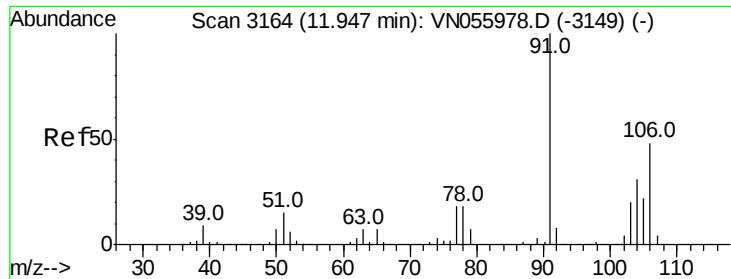
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#68
m/p-Xylenes
Concen: 306.070 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion:106 Resp: 1773836
Ion Ratio Lower Upper
106 100
91 196.7 159.3 238.9





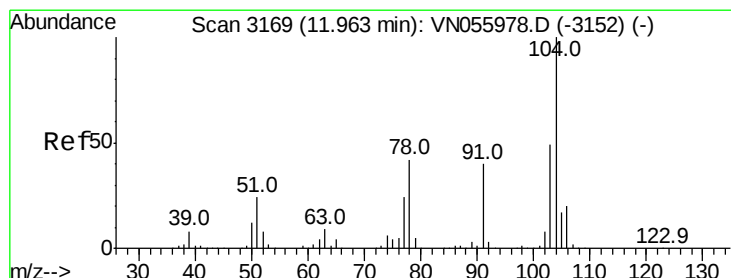
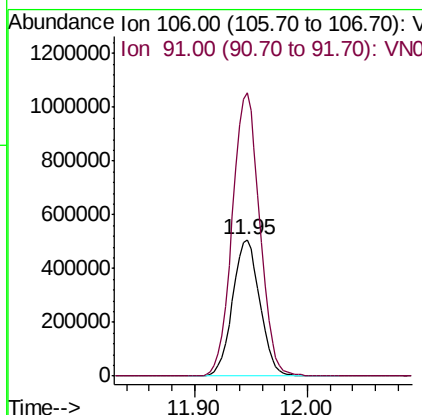
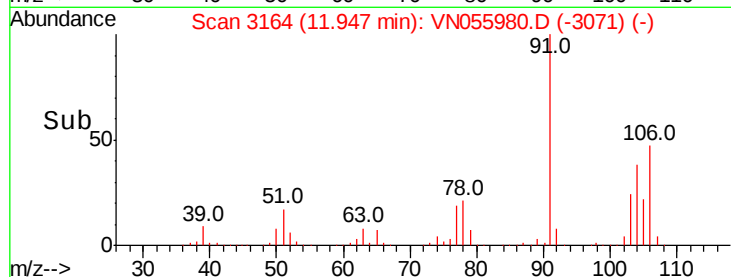
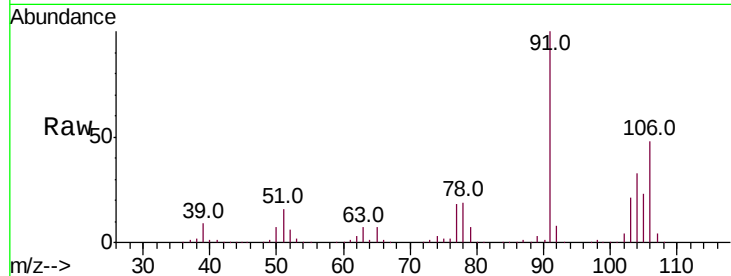
#69
o-Xylene
Concen: 149.233 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 854349
Ion Ratio Lower Upper
106 100
91 208.3 104.7 314.1

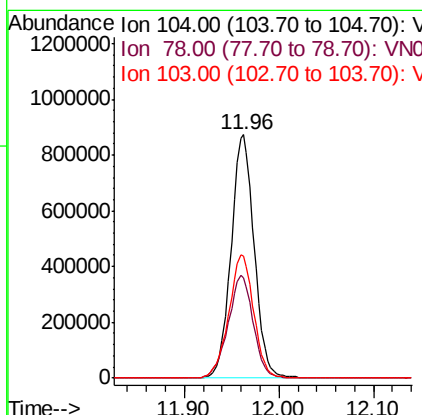
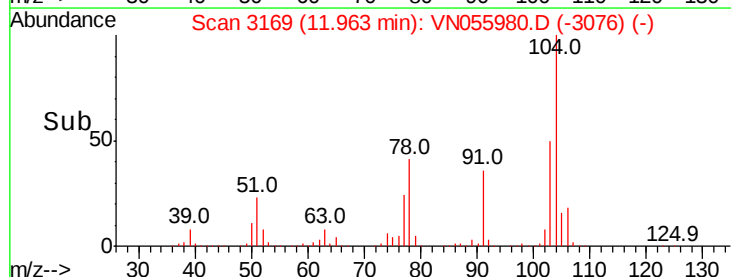
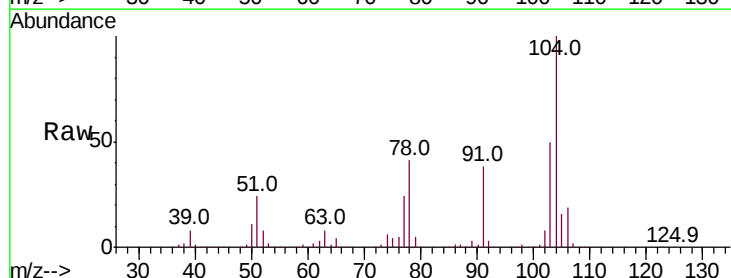
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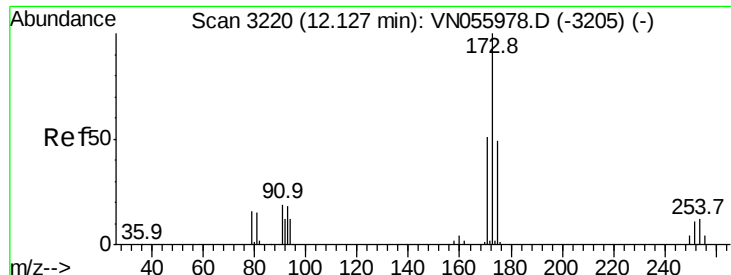
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#70
Styrene
Concen: 165.462 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion:104 Resp: 1478377
Ion Ratio Lower Upper
104 100
78 45.9 37.8 56.6
103 54.5 44.2 66.2





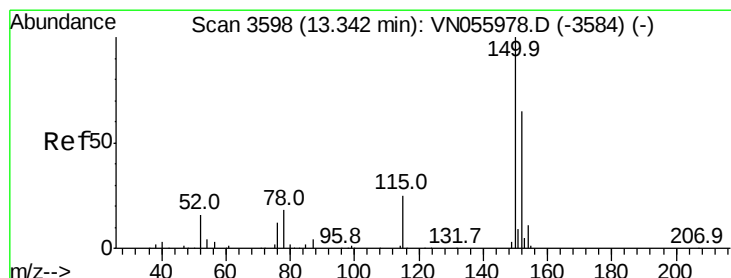
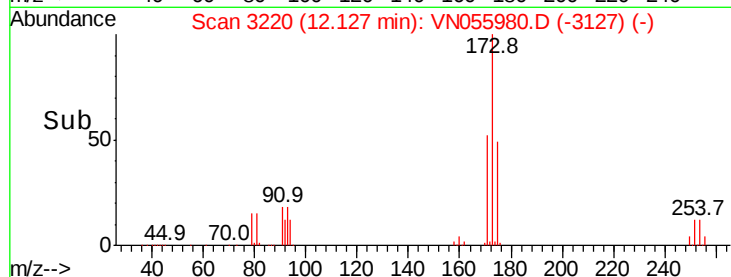
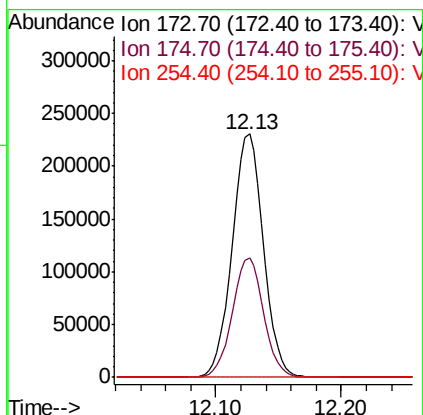
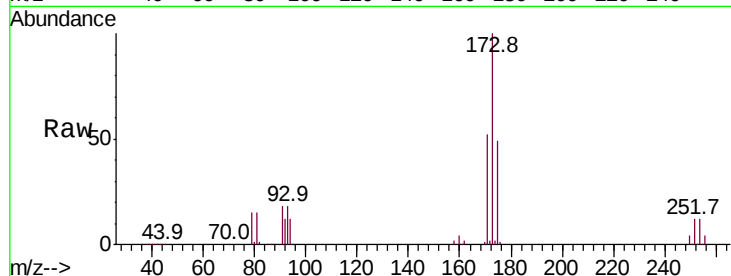
#71
Bromoform
Concen: 190.308 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.3	72.8
254	0.1	0.0	0.0#

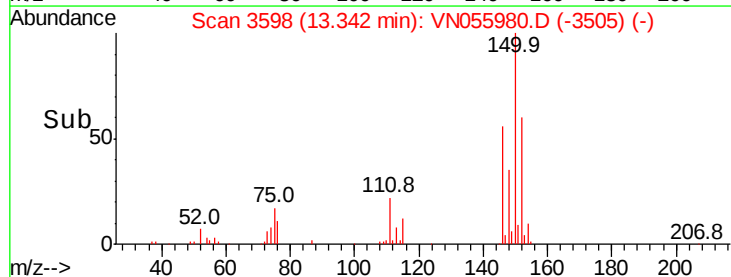
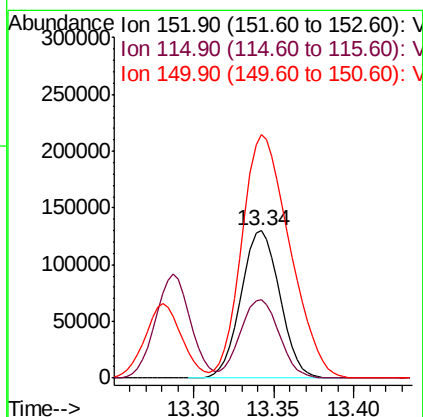
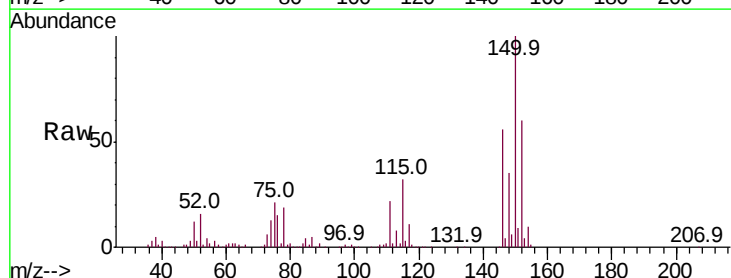
Manual Integrations
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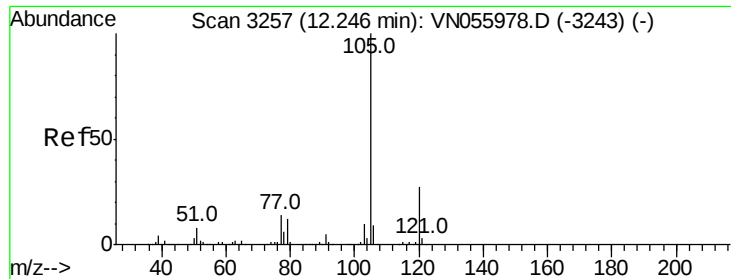
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.8	27.0	81.0
150	204.3	0.0	343.2





#73

Isopropylbenzene

Concen: 124.067 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tot Ion:105 Resp: 2221892

Ion Ratio Lower Upper

105 100

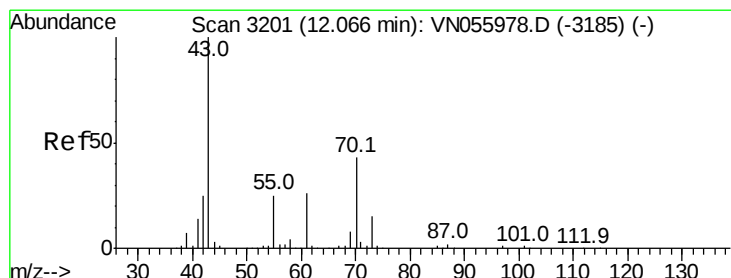
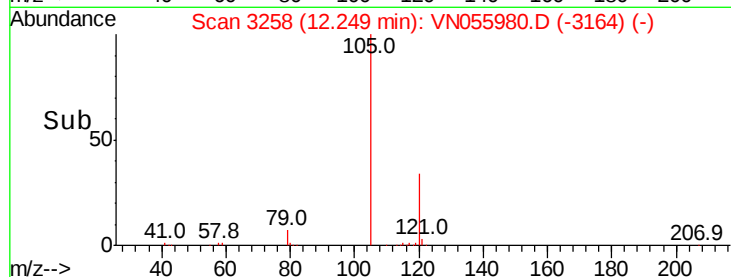
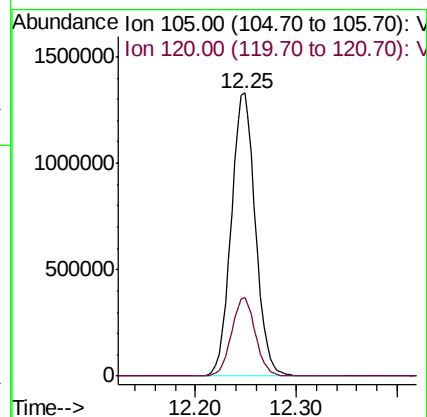
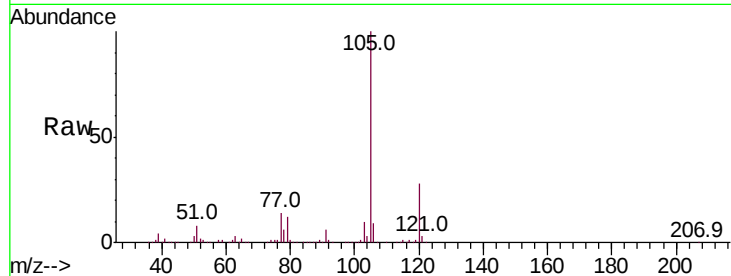
120 27.5 13.6 40.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 135.588 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Tgt Ion: 43 Resp: 789503

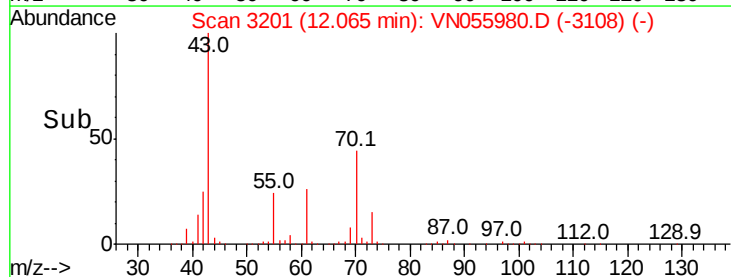
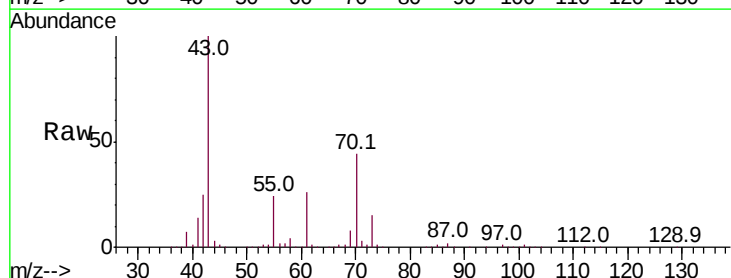
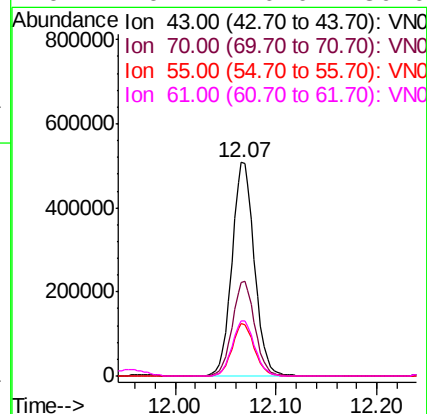
Ion Ratio Lower Upper

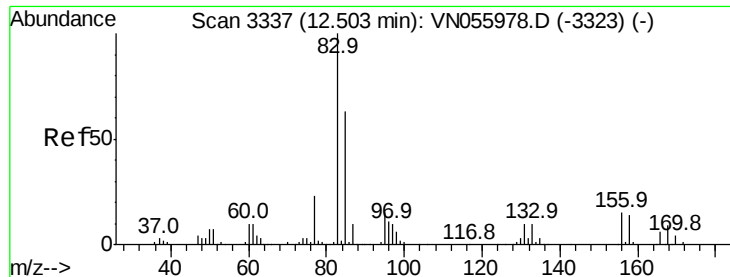
43 100

70 44.4 34.0 51.0

55 24.3 18.6 28.0

61 26.1 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 123.440 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 634662

Ion Ratio Lower Upper

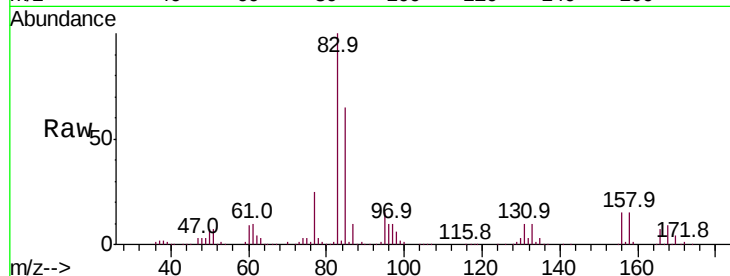
83 100

131 10.8 5.4 16.2

85 64.9 32.4 97.0

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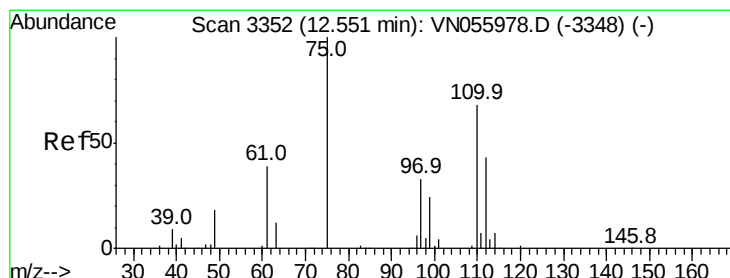
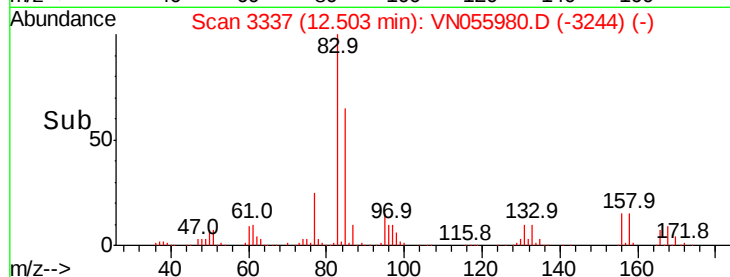
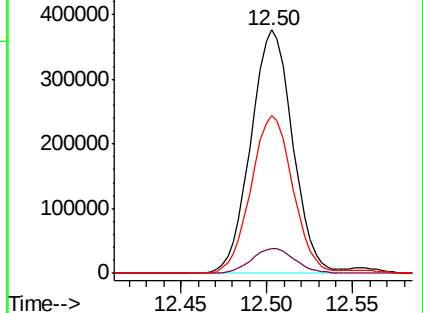
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Abundance Ion 82.90 (82.60 to 83.60): VN055978.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN055978.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN055978.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 122.460 ug/l m

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN055980.D

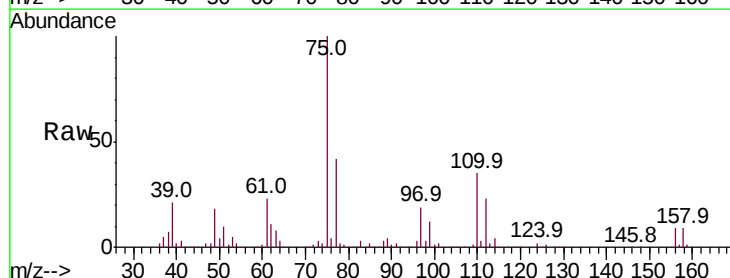
Acq: 4 Jun 2019 10:27

Tgt Ion: 75 Resp: 516194

Ion Ratio Lower Upper

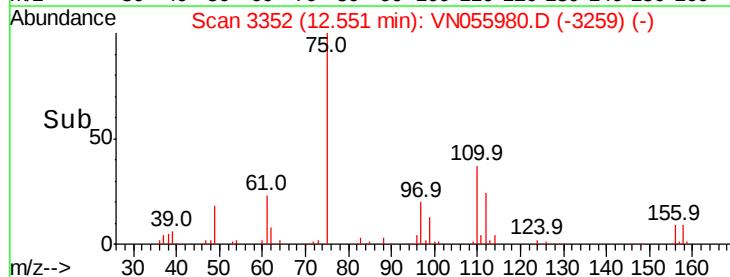
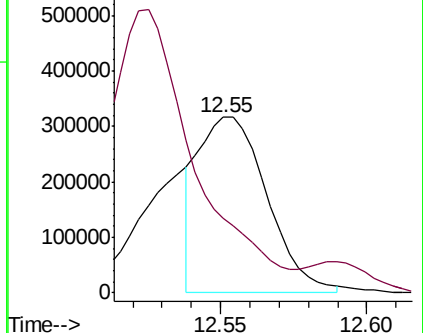
75 100

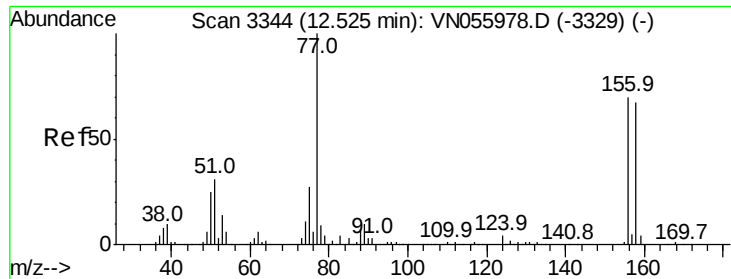
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN055978.D (-3348) (-)





#77

Bromobenzene

Concen: 129.727 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

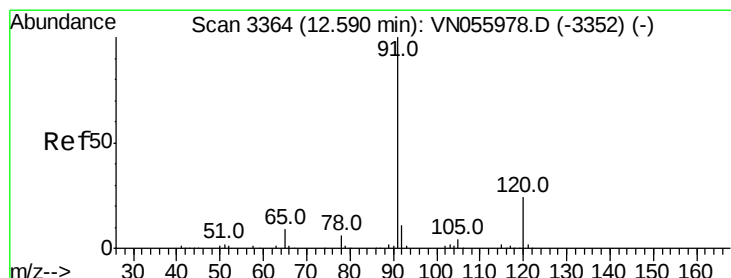
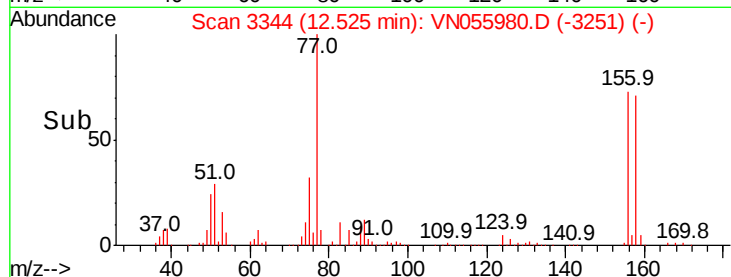
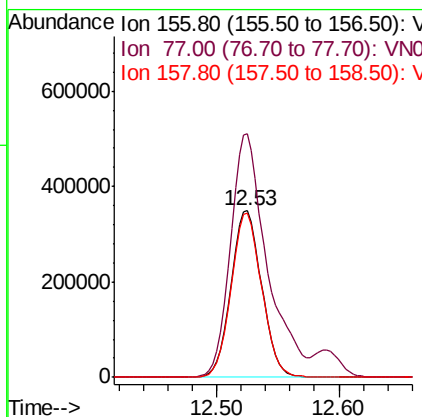
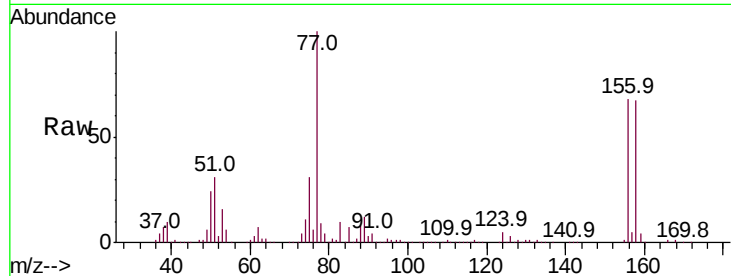
ClientSampleId :

VSTDIC150

Tot Ion:	156	Resp:	610739
Ion	Ratio	Lower	Upper
156	100		
77	174.2	90.8	272.5
158	98.1	49.3	147.8

Manual Integrations
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#78

n-propylbenzene

Concen: 134.528 ug/l

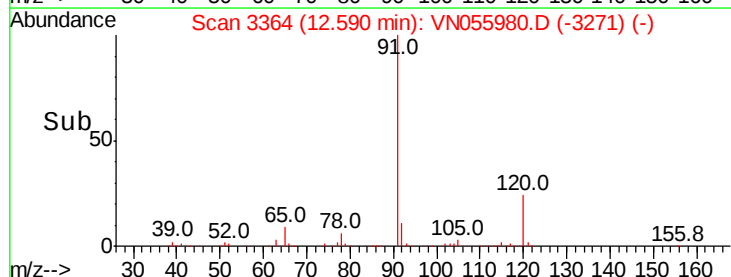
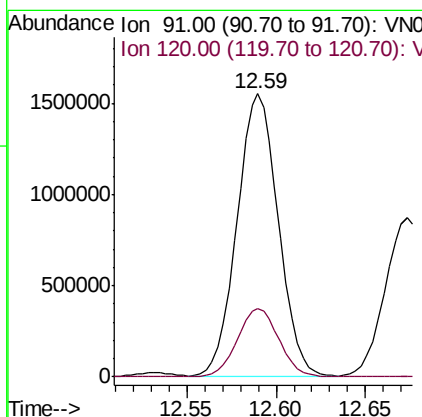
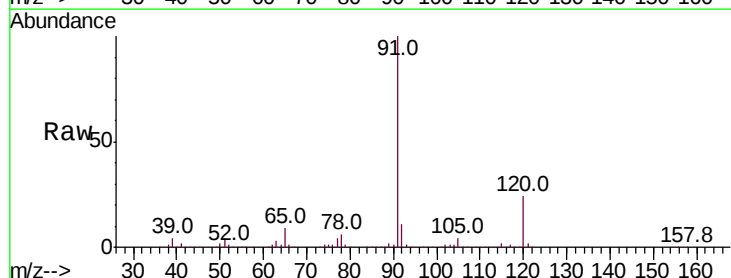
RT: 12.59 min Scan# 3364

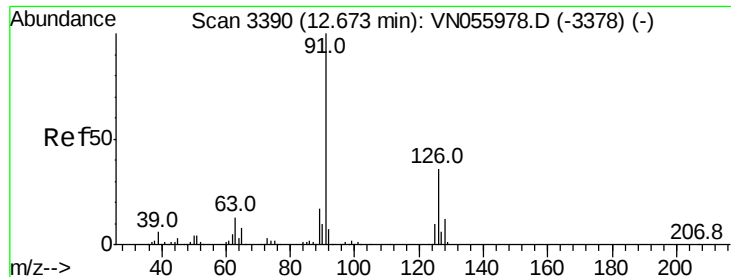
Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Tgt Ion:	91	Resp:	2489025
Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.0	36.0





#79

2-Chlorotoluene

Concen: 124.105 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tot Ion: 91 Resp: 1462559

Ion Ratio Lower Upper

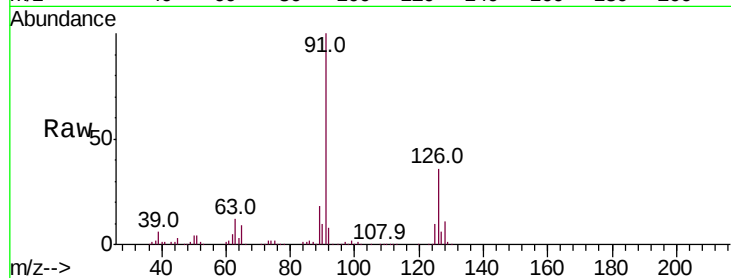
91 100

126 36.2 18.1 54.4

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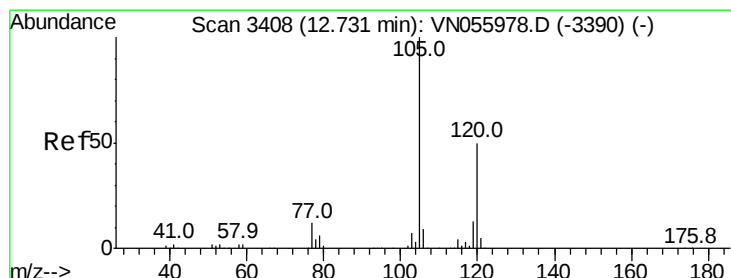
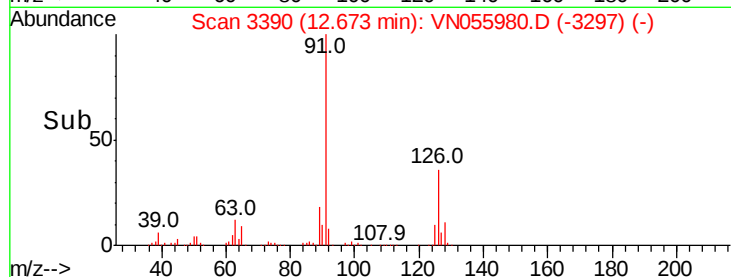
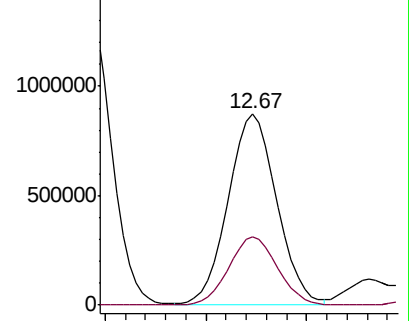
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Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN055978.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 126.602 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN055980.D

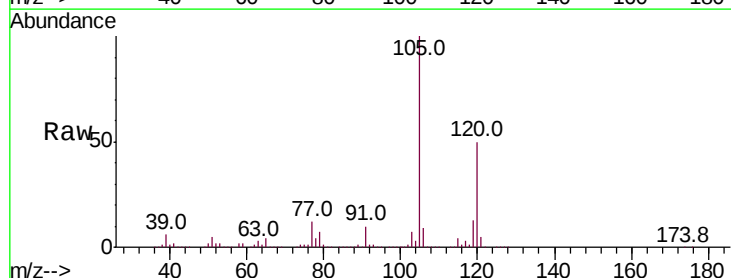
Acq: 4 Jun 2019 10:27

Tgt Ion:105 Resp: 1878462

Ion Ratio Lower Upper

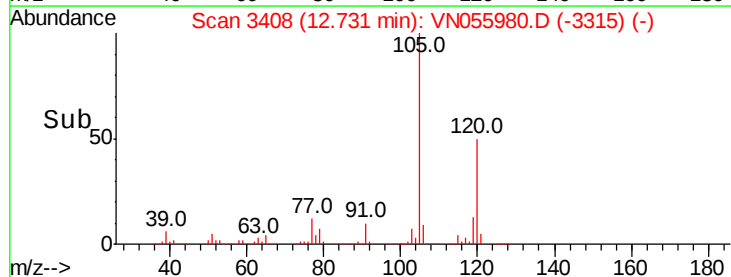
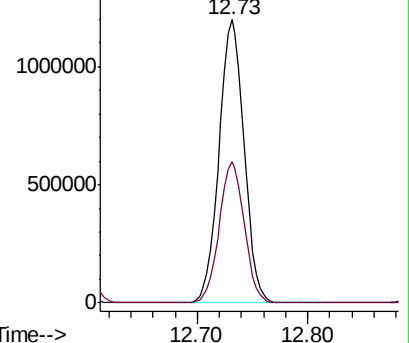
105 100

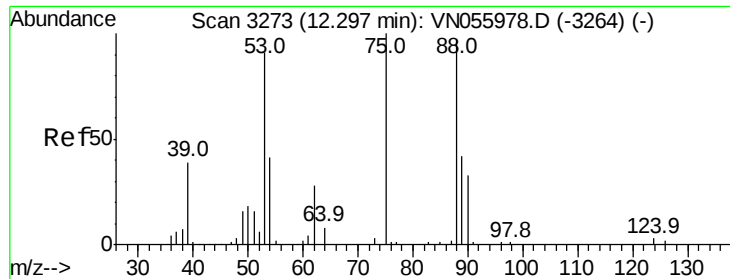
120 49.9 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055978.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN055978.D (-3390) (-)





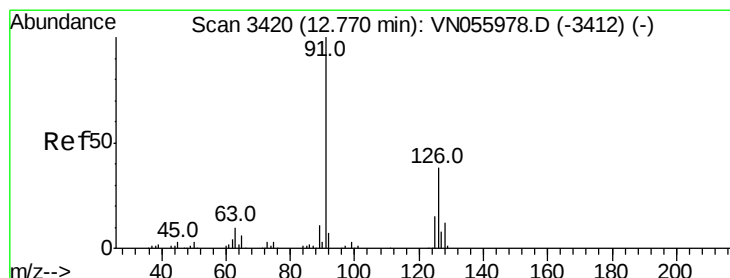
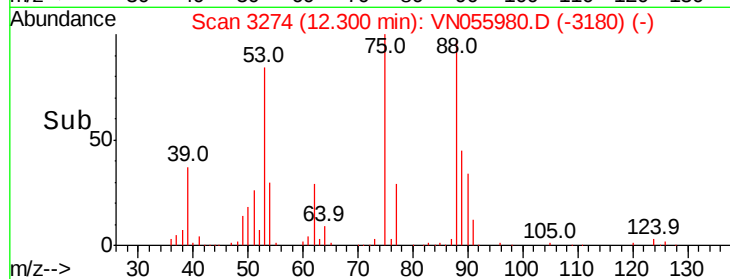
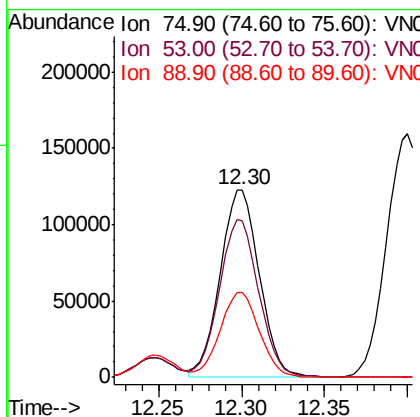
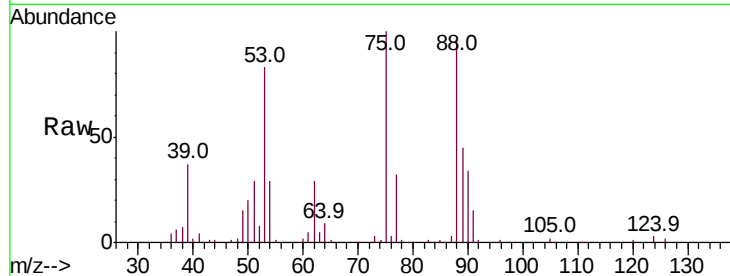
#81
trans-1,4-Dichloro-2-butene
Concen: 173.579 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.4	68.1	102.1
89	45.7	36.9	55.3

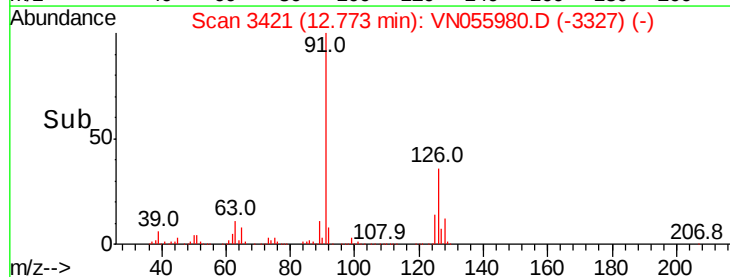
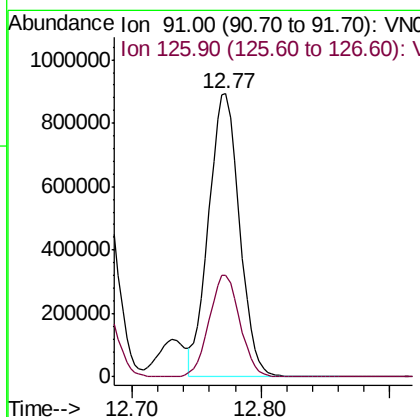
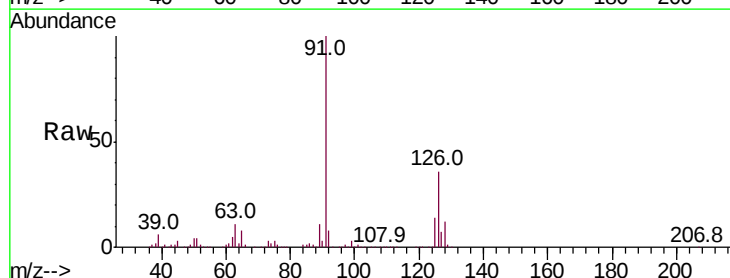
Manual Integrations
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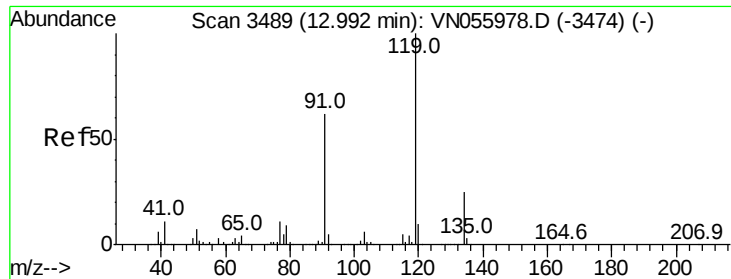
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#82
4-Chlorotoluene
Concen: 137.242 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.8	53.3





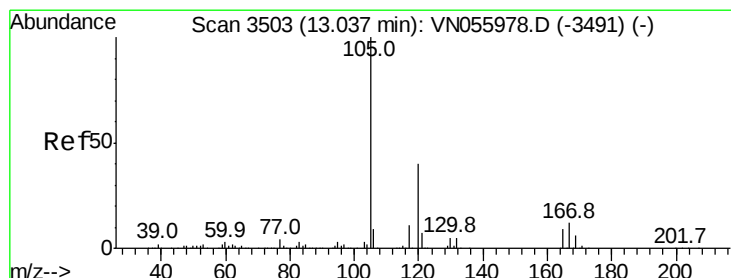
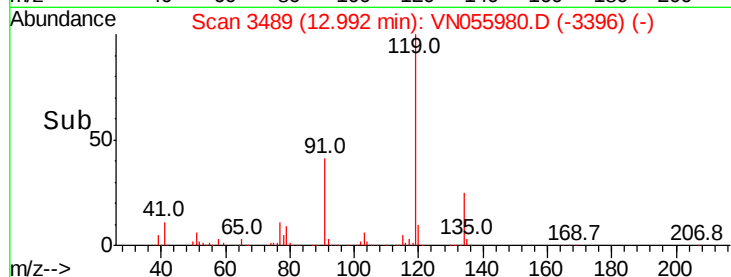
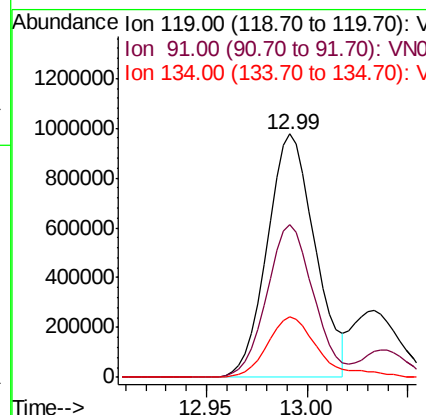
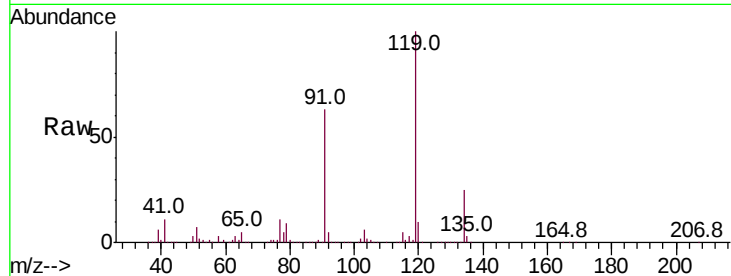
#83
tert-Butylbenzene
Concen: 120.965 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.4	30.9	92.8
134	26.6	13.3	39.8

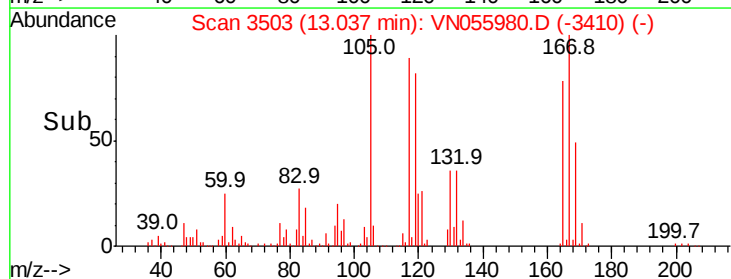
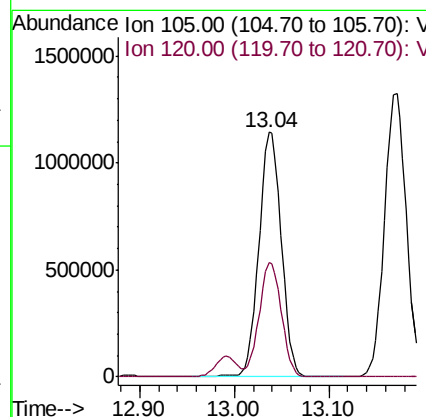
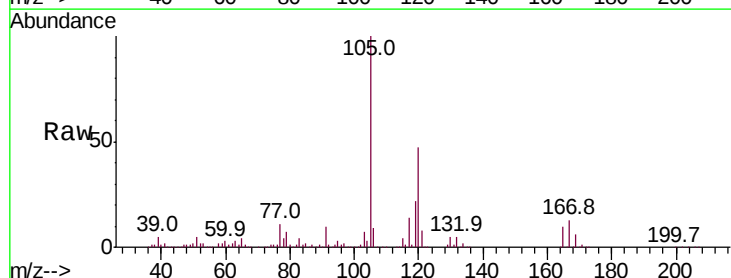
Manual Integrations
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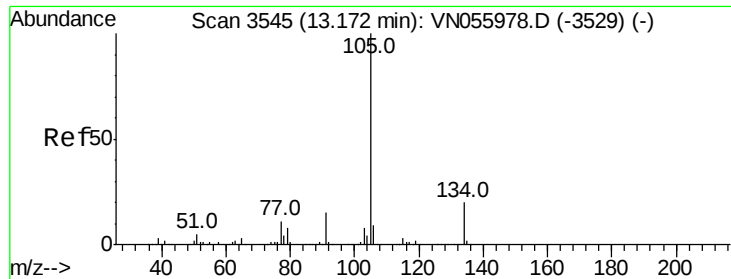
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#84
1,2,4-Trimethylbenzene
Concen: 134.901 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.0	69.0





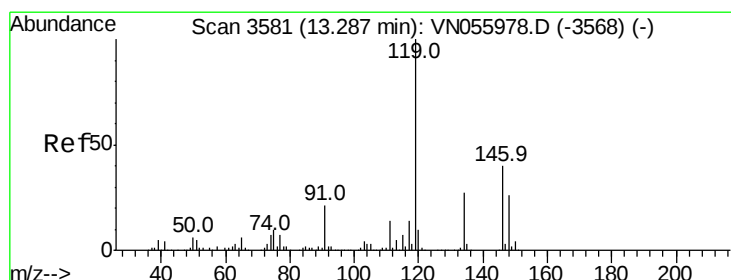
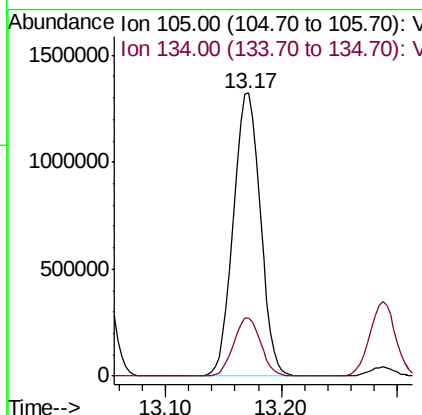
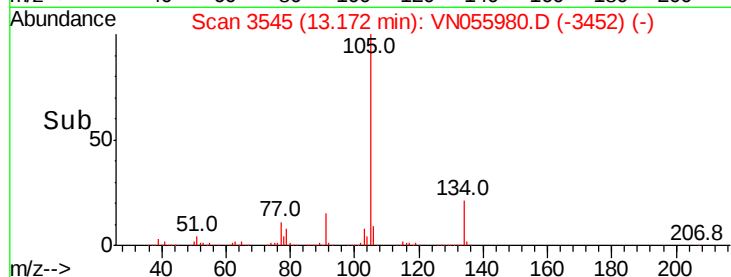
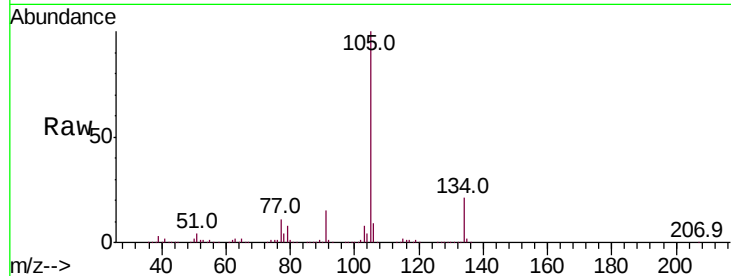
#85
 sec-Butylbenzene
 Concen: 128.933 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

Tot Ion:105 Resp: 2126037
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.2

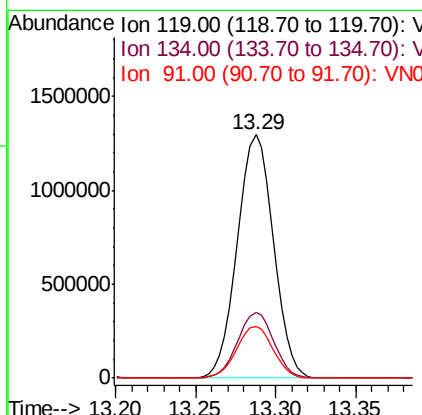
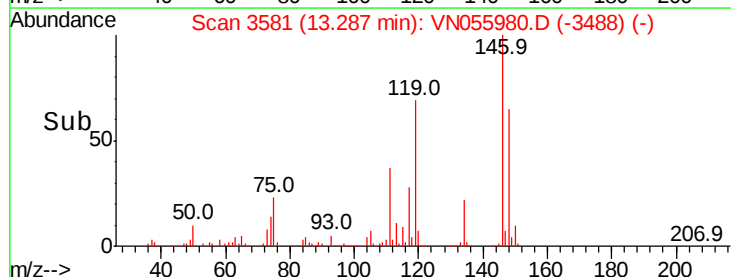
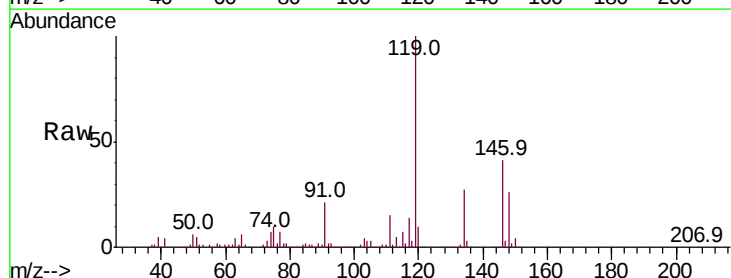
Manual Integrations
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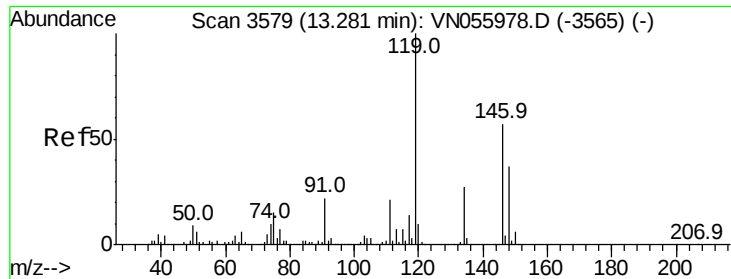
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#86
 p-Isopropyltoluene
 Concen: 136.120 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

Tgt Ion:119 Resp: 1992495
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.1
 91 21.4 10.9 32.9





#87
 1,3-Dichlorobenzene
 Concen: 143.813 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

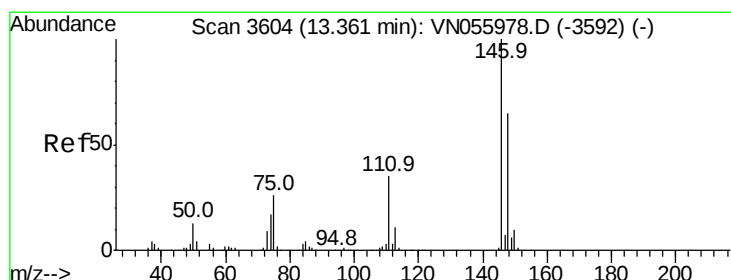
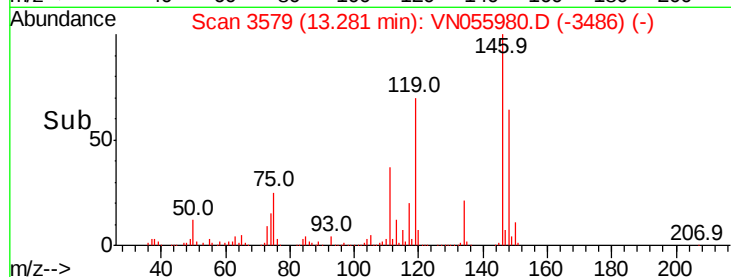
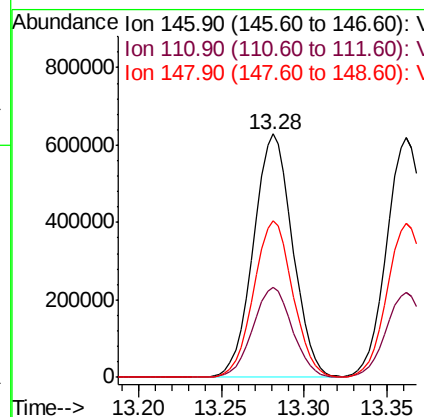
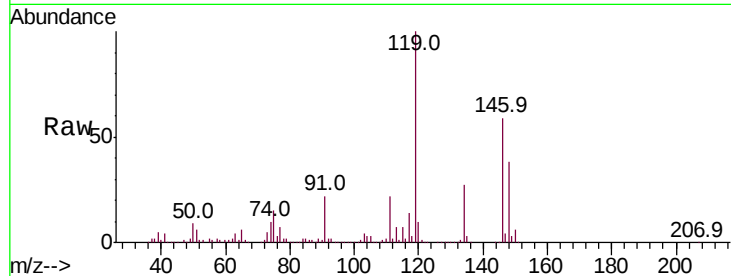
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:146 Resp: 1031368

Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.5	55.5
148	64.3	32.0	96.2

Manual Integrations
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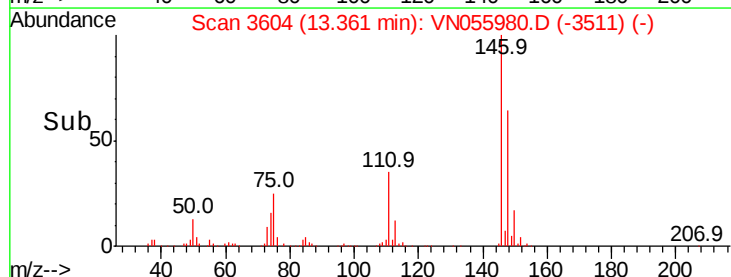
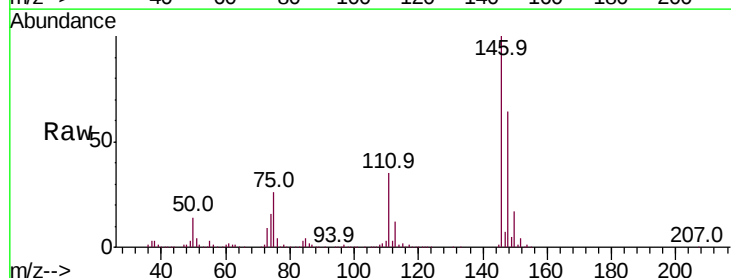
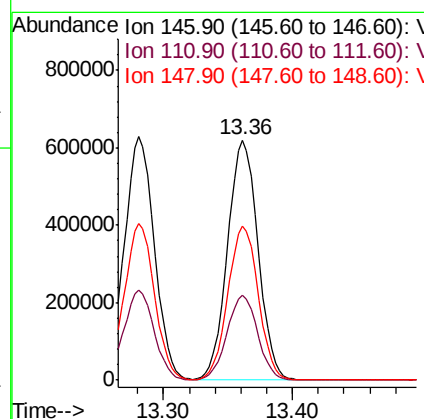
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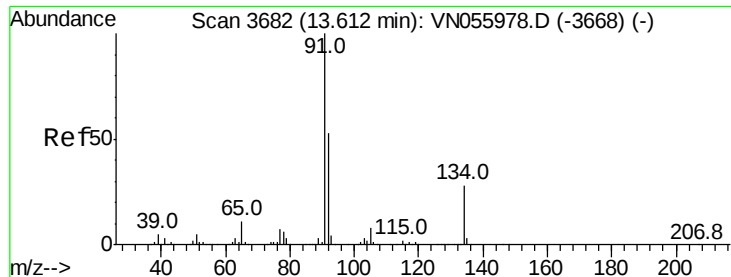


#88
 1,4-Dichlorobenzene
 Concen: 147.686 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

Tgt Ion:146 Resp: 1014458

Ion	Ratio	Lower	Upper
146	100		
111	35.4	18.1	54.4
148	64.3	32.1	96.5





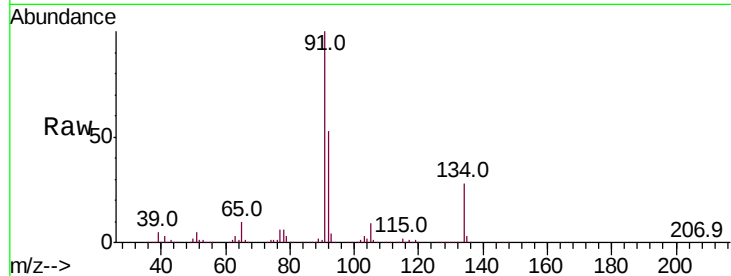
#89
n-Butylbenzene
Concen: 155.398 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

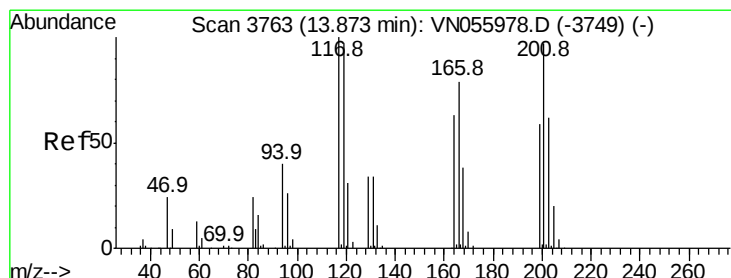
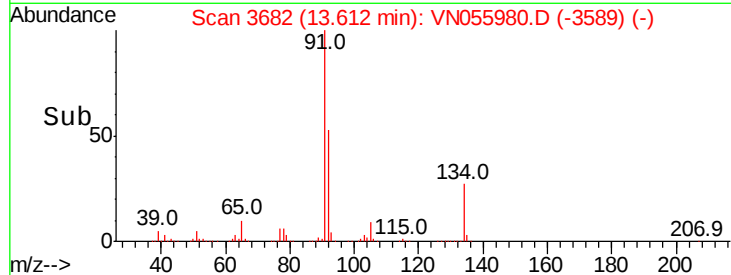
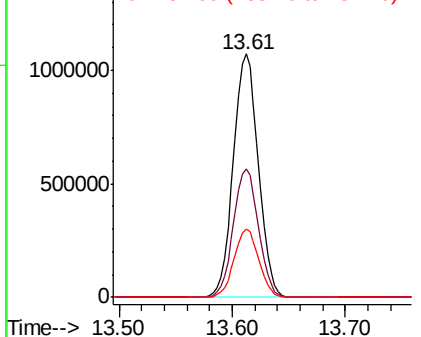
Tot Ion: 91 Resp: 1649178
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.0
134 27.9 13.9 41.7

Manual Integrations
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6/5/2019 4:03:45 PM

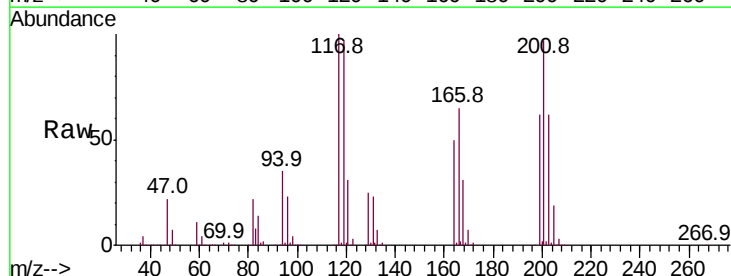


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

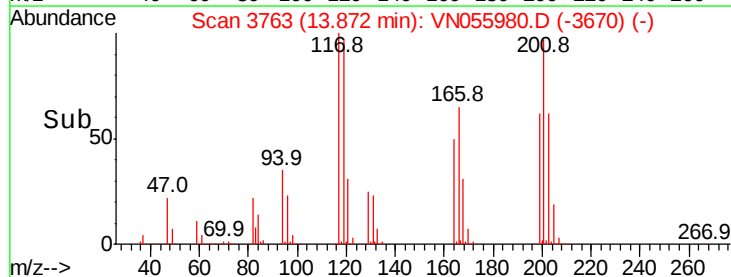
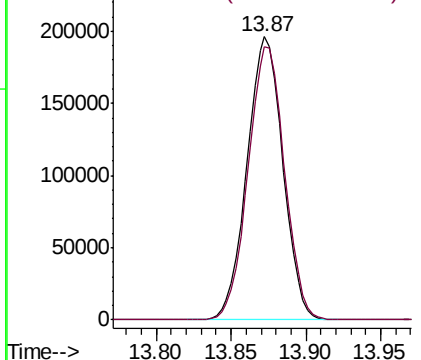


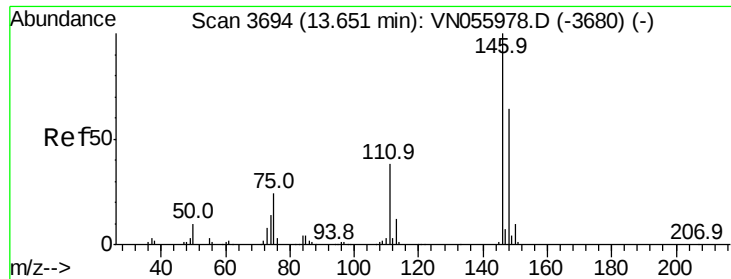
#90
Hexachloroethane
Concen: 150.835 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion: 117 Resp: 327530
Ion Ratio Lower Upper
117 100
201 97.9 50.0 150.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 138.284 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:146 Resp: 1007481

Ion Ratio Lower Upper

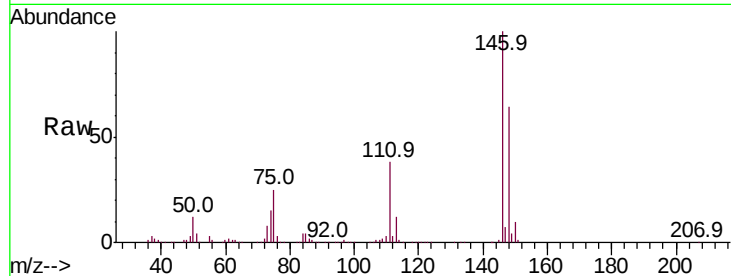
146 100

111 38.0 19.1 57.5

148 64.1 31.9 95.9

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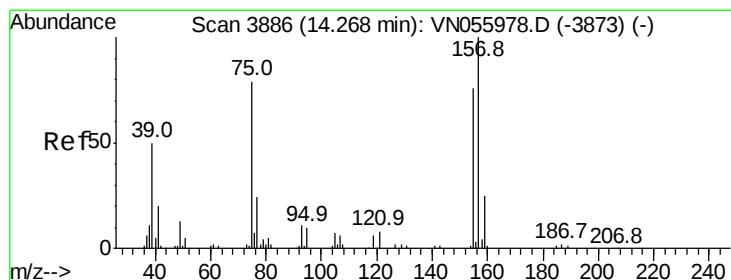
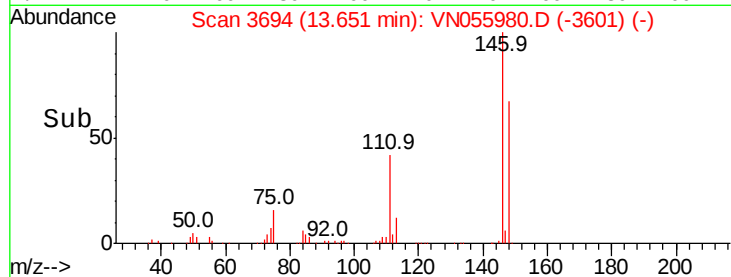
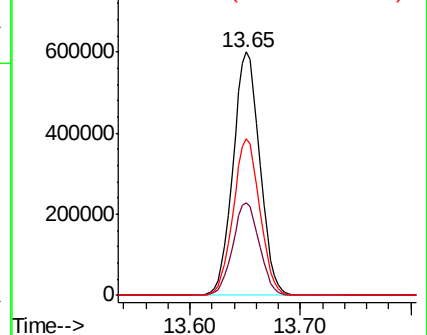
MMDadoda
6/5/2019 4:03:45 PM



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 168.505 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

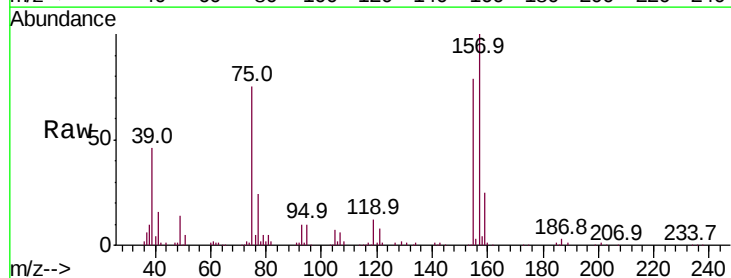
Tgt Ion: 75 Resp: 117836

Ion Ratio Lower Upper

75 100

155 105.2 50.0 150.1

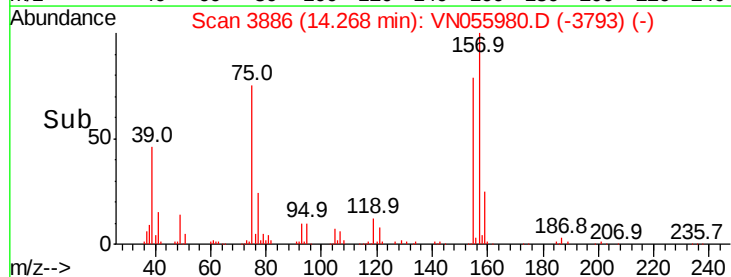
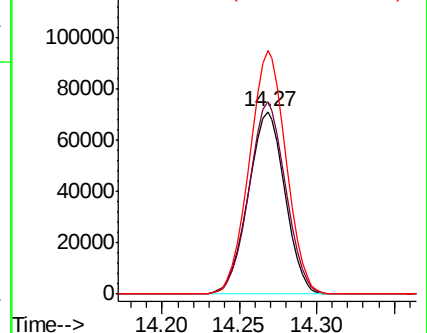
157 133.1 64.8 194.3

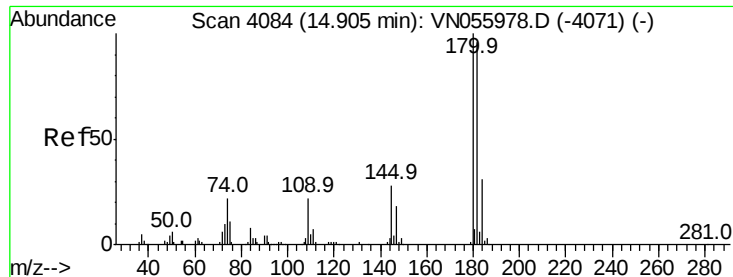


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





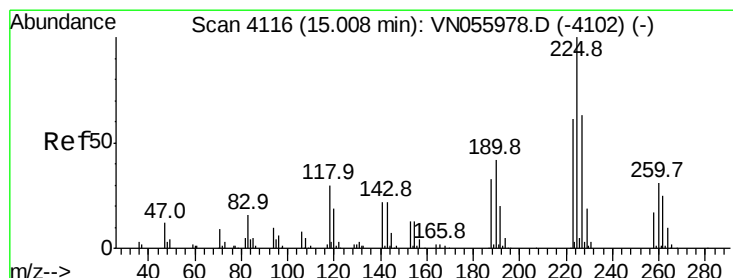
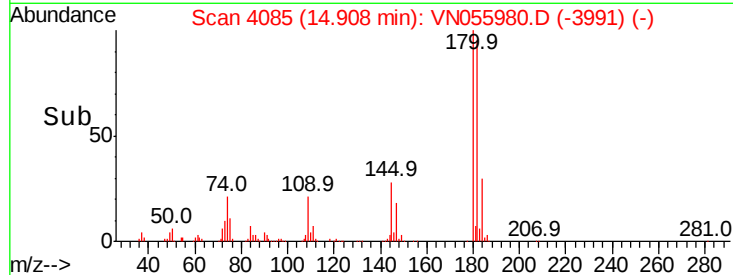
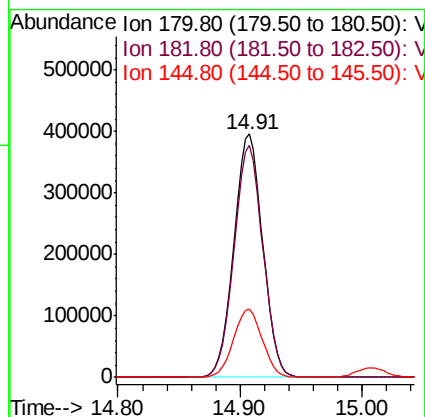
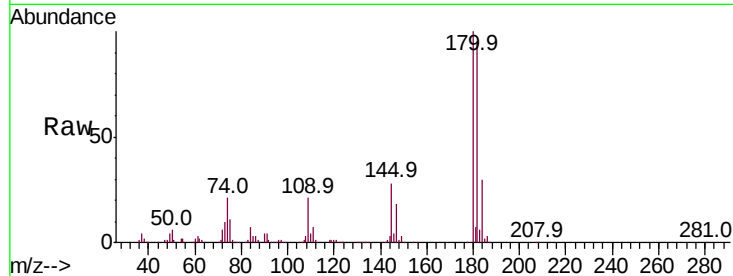
#93
 1,2,4-Trichlorobenzene
 Concen: 209.912 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.3	48.3	144.9	
145	28.0	14.0	41.9	

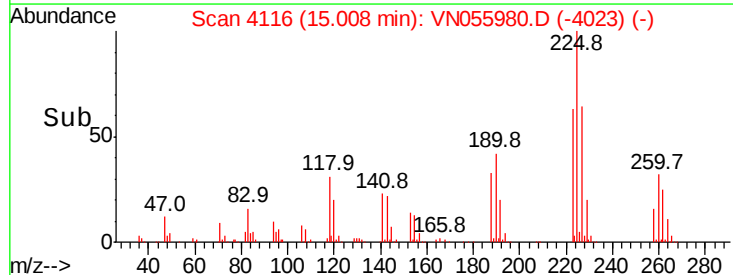
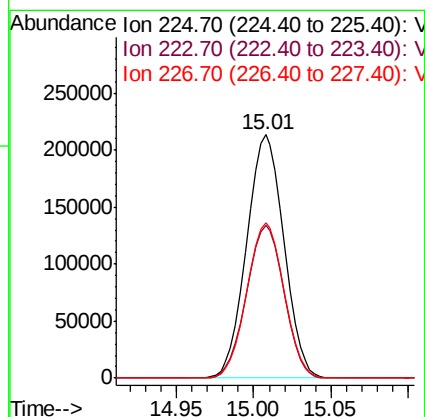
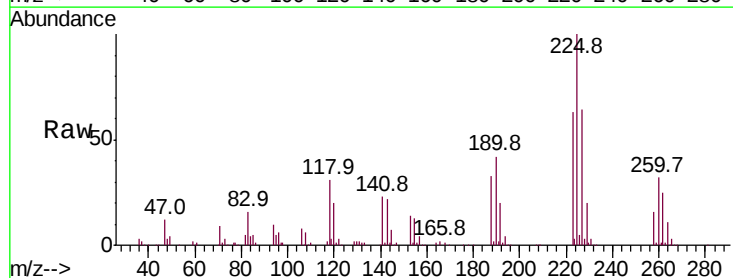
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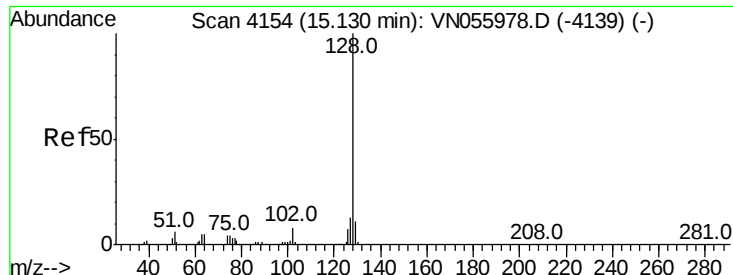
MMDadoda
 6/5/2019 4:03:45 PM



#94
 Hexachlorobutadiene
 Concen: 124.338 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	30.9	92.7	
227	63.9	31.6	94.7	





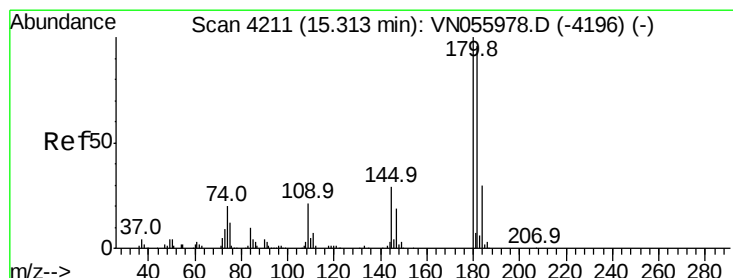
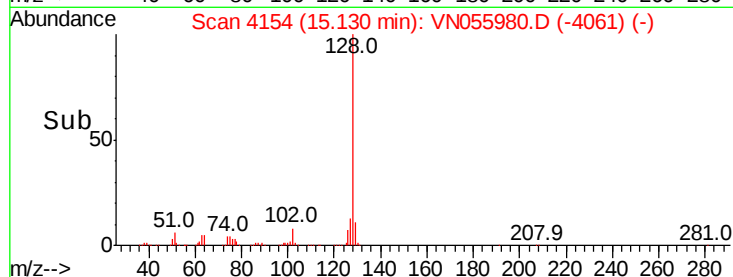
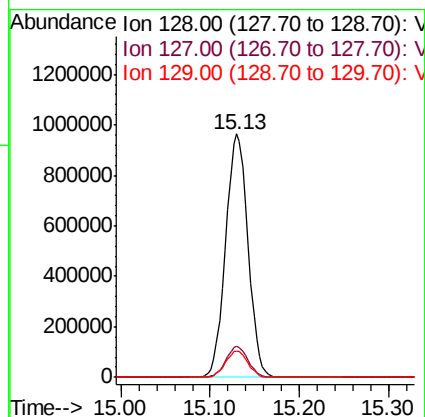
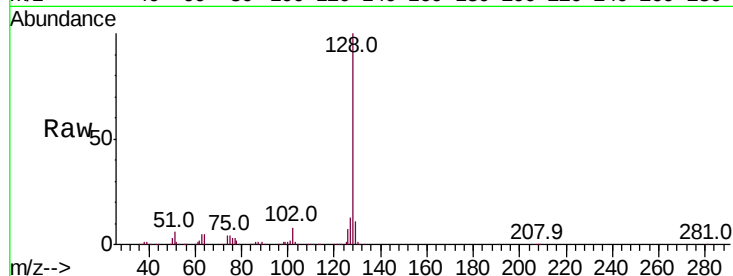
#95
Naphthalene
Concen: 207.193 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 192.876 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.9	143.7
145	29.8	14.9	44.7

