

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072219\
 Data File : VN056853.D
 Acq On : 22 Jul 2019 13:10
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 23 01:11:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 01:05:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	346584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	524963	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	479037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	213438	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	183144	48.14	ug/l	0.00
Spiked Amount			Recovery	=	96.28%	
35) Dibromofluoromethane	7.59	113	165760	50.57	ug/l	0.00
Spiked Amount			Recovery	=	101.14%	
50) Toluene-d8	10.09	98	639065	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.40	95	213926	50.41	ug/l	0.00
Spiked Amount			Recovery	=	100.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	223064	63.958	ug/l	100
3) Chloromethane	2.06	50	255089	56.100	ug/l	100
4) Vinyl Chloride	2.18	62	239222	55.029	ug/l	100
5) Bromomethane	2.55	94	135588	53.178	ug/l	100
6) Chloroethane	2.69	64	125452	50.300	ug/l	100
7) Trichlorofluoromethane	3.01	101	278329	50.691	ug/l	100
8) Diethyl Ether	3.40	74	102307	48.627	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	172339	52.115	ug/l	100
10) Methyl Iodide	3.94	142	248070	55.685	ug/l	100
11) Tert butyl alcohol	4.81	59	139377	223.359	ug/l	100
12) 1,1-Dichloroethene	3.72	96	172463	52.021	ug/l	100
13) Acrolein	3.60	56	117365	410.319	ug/l	100
14) Allyl chloride	4.31	41	285546	50.378	ug/l	100
15) Acrylonitrile	4.99	53	425755	233.799	ug/l	100
16) Acetone	3.82	43	322424	190.021	ug/l	100
17) Carbon Disulfide	4.04	76	476305	53.969	ug/l	100
18) Methyl Acetate	4.33	43	227012	46.780	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	519575	49.783	ug/l	100
20) Methylene Chloride	4.54	84	200922	51.256	ug/l	100
21) trans-1,2-Dichloroethene	5.03	96	182483	52.264	ug/l	100
22) Diisopropyl ether	5.95	45	588576	52.347	ug/l	100
23) Vinyl Acetate	5.90	43	2165588	242.958	ug/l	100
24) 1,1-Dichloroethane	5.84	63	335779	51.462	ug/l	100
25) 2-Butanone	6.84	43	518820	207.298	ug/l	100
26) 2,2-Dichloropropane	6.82	77	232291	49.891	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	208647	52.077	ug/l	100
28) Bromochloromethane	7.19	49	153352	50.365	ug/l	100
29) Tetrahydrofuran	7.21	42	359810	218.826	ug/l	100
30) Chloroform	7.37	83	327978	50.190	ug/l	100
31) Cyclohexane	7.65	56	319973	51.457	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	274023	52.970	ug/l	100
36) 1,1-Dichloropropene	7.79	75	253291	51.427	ug/l	100
37) Ethyl Acetate	6.93	43	217996	46.465	ug/l	100
38) Carbon Tetrachloride	7.77	117	239878	51.953	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	317177	52.180	ug/l	100
40) Benzene	8.04	78	782591	51.873	ug/l	100
41) Methacrylonitrile	7.17	41	100116	47.953	ug/l	100
42) 1,2-Dichloroethane	8.12	62	242626	51.056	ug/l	100
43) Isopropyl Acetate	8.17	43	351519	47.317	ug/l	100
44) Trichloroethene	8.83	130	209664	51.122	ug/l	100
45) 1,2-Dichloropropane	9.12	63	207471	51.874	ug/l	100
46) Dibromomethane	9.21	93	128306	51.923	ug/l	100
47) Bromodichloromethane	9.40	83	247093	52.500	ug/l	100
48) Methyl methacrylate	9.20	41	178688	49.460	ug/l	100
49) 1,4-Dioxane	9.20	88	71540	958.323	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	1071749	224.539	ug/l	100
52) Toluene	10.15	92	481525	53.666	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	262646	53.661	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	304406	53.450	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	185129	49.638	ug/l	100
56) Ethyl methacrylate	10.43	69	272712	51.408	ug/l	100
57) 1,3-Dichloropropane	10.71	76	311365	51.053	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	583891	233.727	ug/l	100
59) 2-Hexanone	10.75	43	752615	221.907	ug/l	100
60) Dibromochloromethane	10.90	129	194734	53.021	ug/l	100
61) 1,2-Dibromoethane	11.00	107	193657	52.200	ug/l	100
64) Tetrachloroethene	10.63	164	209606	49.986	ug/l	100
65) Chlorobenzene	11.43	112	514568	51.850	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	191361	52.406	ug/l	100
67) Ethyl Benzene	11.51	91	909840	52.246	ug/l	100
68) m/p-Xylenes	11.62	106	685652	105.402	ug/l	100
69) o-Xylene	11.94	106	334469	52.284	ug/l	100
70) Styrene	11.96	104	560044	54.210	ug/l	100
71) Bromoform	12.12	173	140869	51.500	ug/l #	100
73) Isopropylbenzene	12.25	105	885448	50.561	ug/l	100
74) N-amyl acetate	12.07	43	303546	47.592	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	249263	43.144	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	304287	65.593	ug/l #	100
77) Bromobenzene	12.52	156	231558	50.591	ug/l	100
78) n-propylbenzene	12.59	91	974219	50.362	ug/l	100
79) 2-Chlorotoluene	12.67	91	580049	48.457	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	742965	50.187	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	72263	48.339	ug/l	100
82) 4-Chlorotoluene	12.77	91	577800	50.866	ug/l	100
83) tert-Butylbenzene	12.99	119	639336	49.501	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	730732	50.626	ug/l	100
85) sec-Butylbenzene	13.17	105	844351	51.247	ug/l	100
86) p-Isopropyltoluene	13.29	119	758777	50.939	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	372288	50.018	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	361998	50.014	ug/l	100
89) n-Butylbenzene	13.61	91	620191	51.991	ug/l	100
90) Hexachloroethane	13.87	117	128884	53.075	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	372880	49.066	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	39446	43.611	ug/l	100

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QLast Update : Tue Jul 23 01:05:01 2019
Response via : Initial Calibration

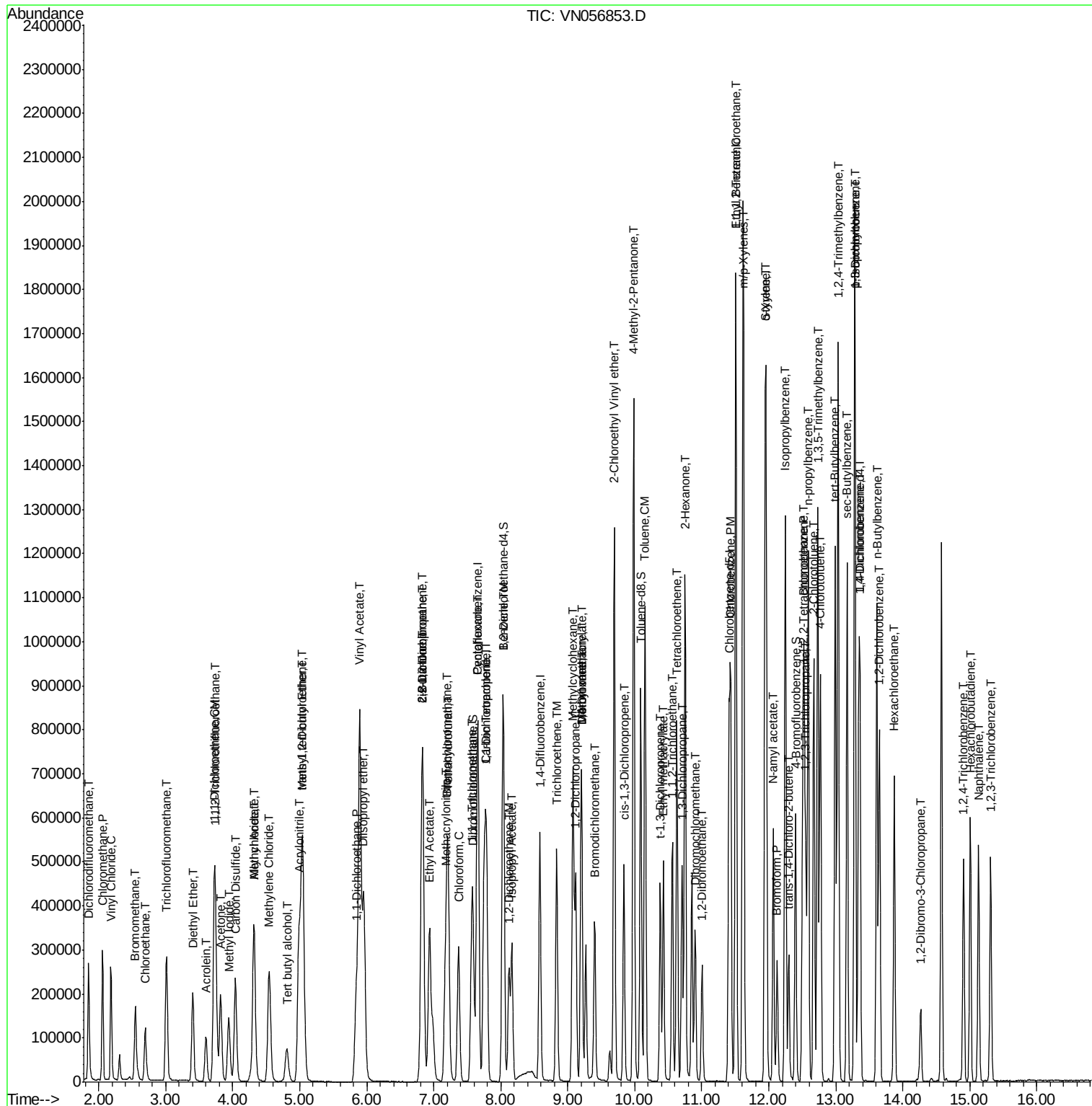
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	182263	53.249	ug/l	100
94) Hexachlorobutadiene	15.01	225	132957	48.544	ug/l	100
95) Naphthalene	15.13	128	477298	52.178	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	194334	54.315	ug/l	100

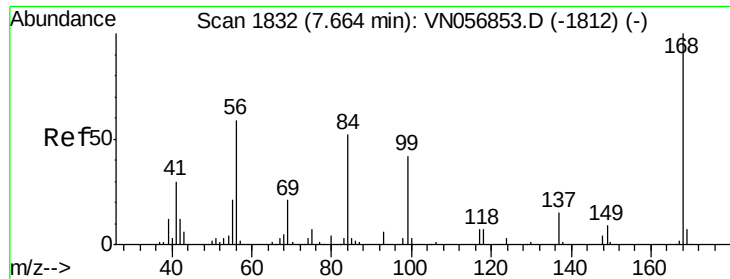
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

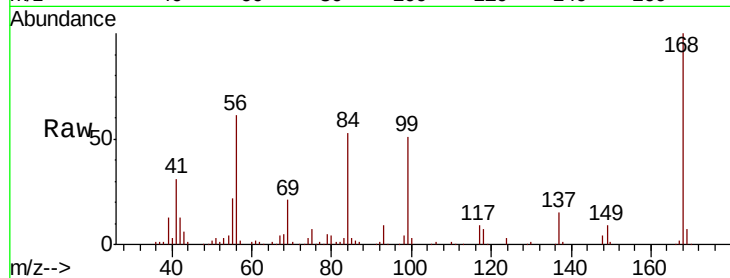
VSTDICCC050

Tot Ion:168 Resp: 346584

Ion Ratio Lower Upper

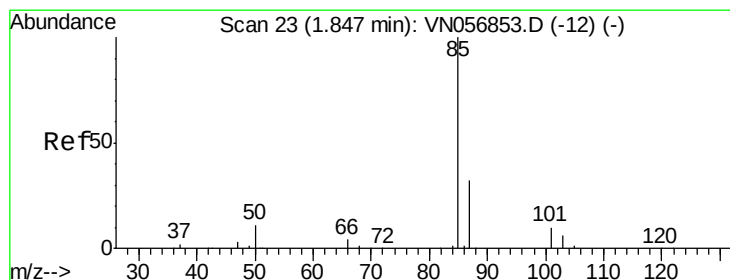
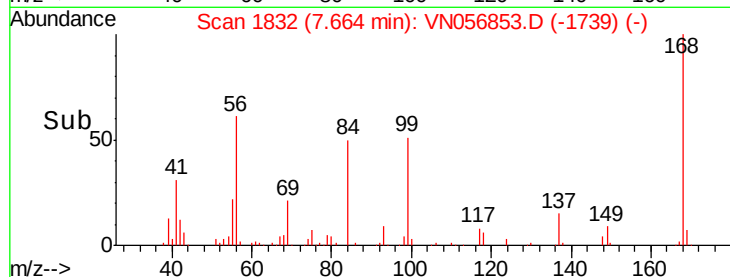
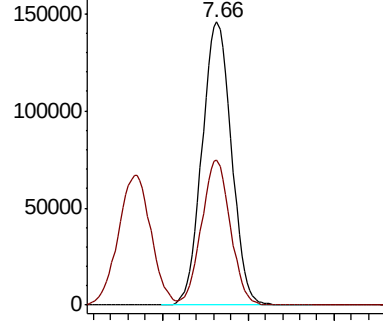
168 100

99 51.1 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 63.958 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056853.D

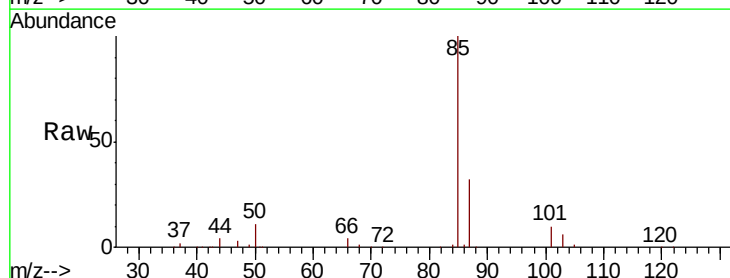
Acq: 22 Jul 2019 13:10

Tgt Ion: 85 Resp: 223064

Ion Ratio Lower Upper

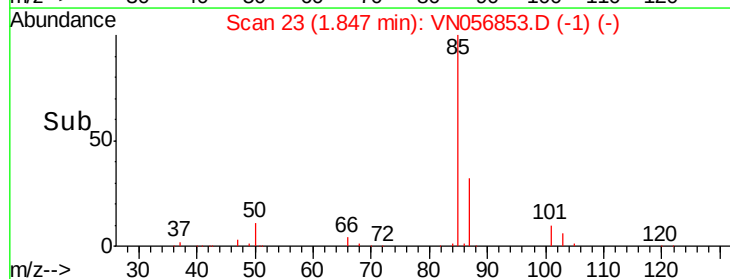
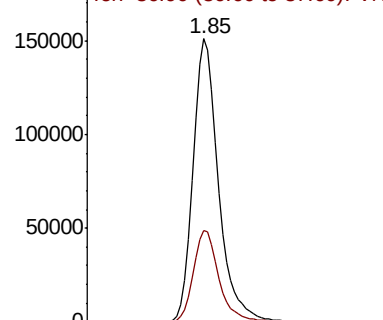
85 100

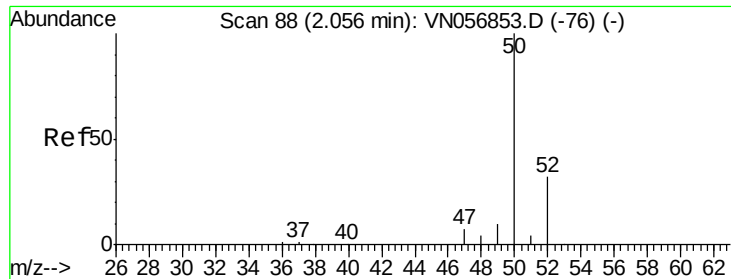
87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 56.100 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN056853.D

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ClientSampleId :

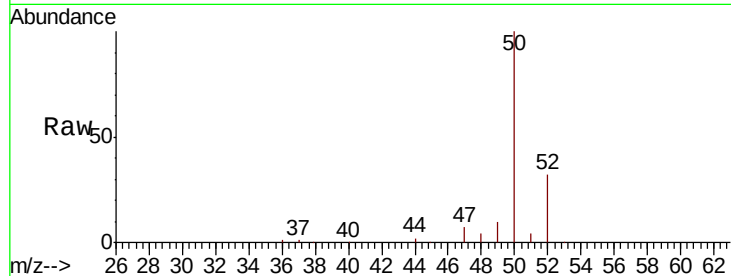
VSTDICCC050

Tot Ion: 50 Resp: 255089

Ion Ratio Lower Upper

50 100

52 32.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

200000

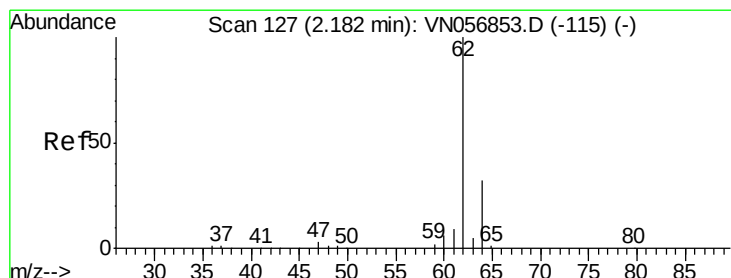
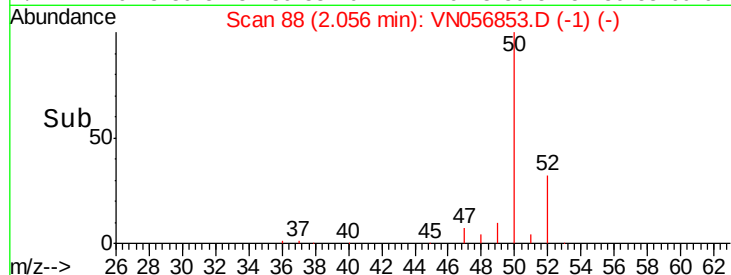
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 55.029 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN056853.D

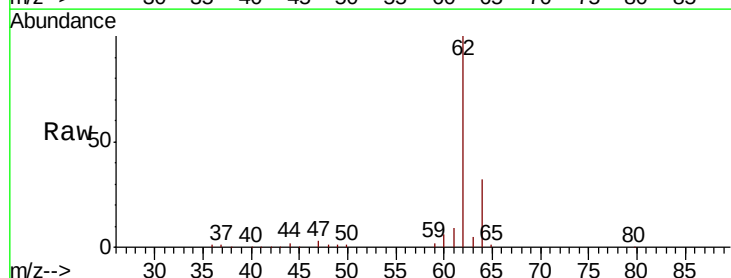
Acq: 22 Jul 2019 13:10

Tgt Ion: 62 Resp: 239222

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.18

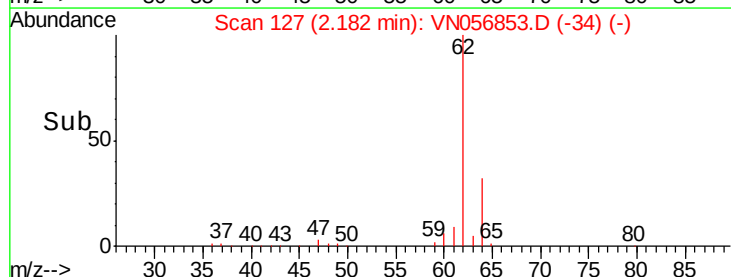
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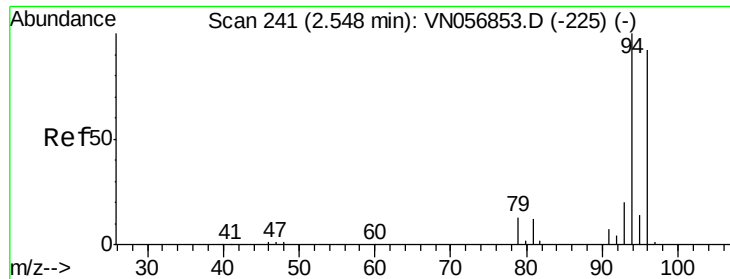
100000

50000

0

Time-->

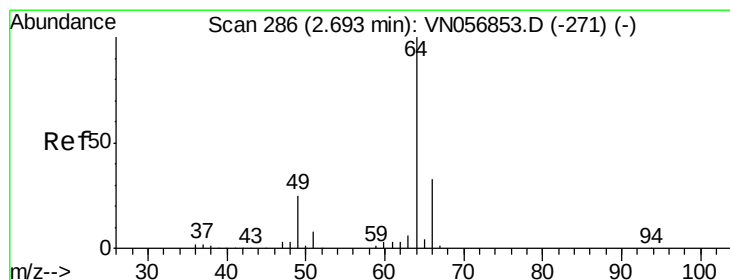
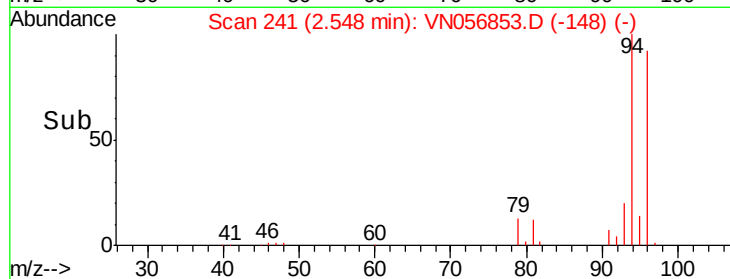
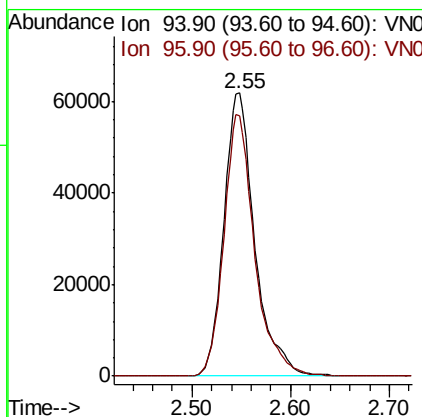
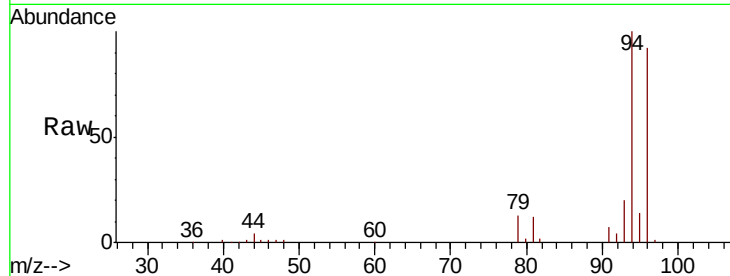




#5
Bromomethane
Concen: 53.178 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.00 min
Lab File: VN056853.D
Acq: 22 Jul 2019 13:10

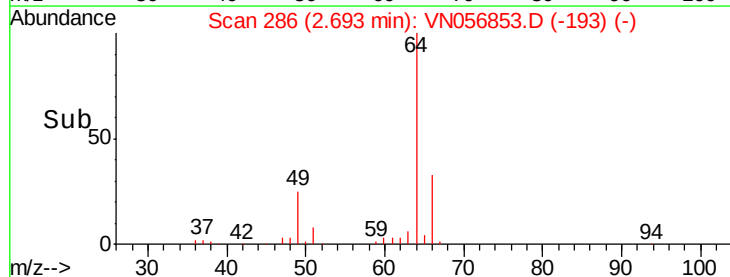
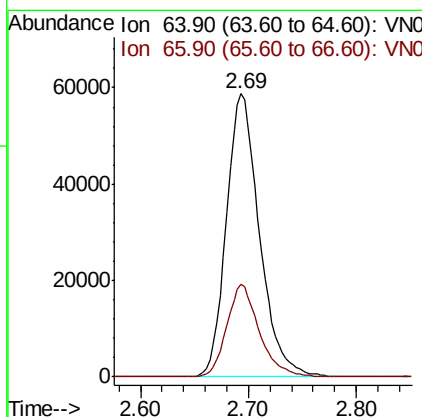
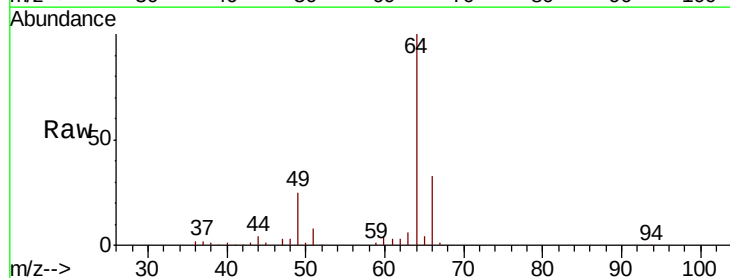
Instrument :
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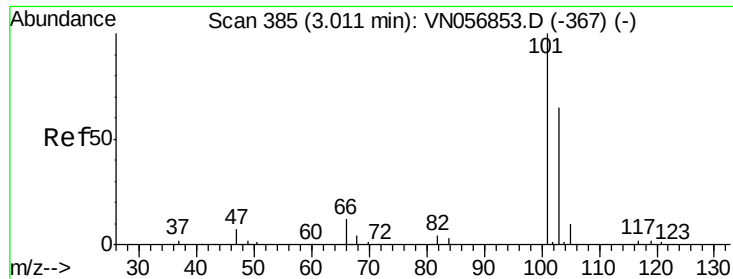
Tot Ion: 94 Resp: 135588
Ion Ratio Lower Upper
94 100
96 92.0 73.6 110.4



#6
Chloroethane
Concen: 50.300 ug/l
RT: 2.69 min Scan# 286
Delta R.T. 0.00 min
Lab File: VN056853.D
Acq: 22 Jul 2019 13:10

Tgt Ion: 64 Resp: 125452
Ion Ratio Lower Upper
64 100
66 33.0 26.4 39.6



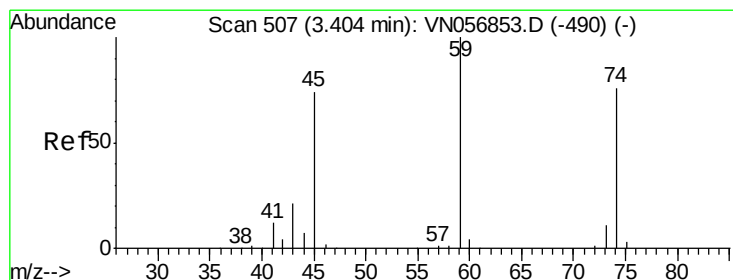
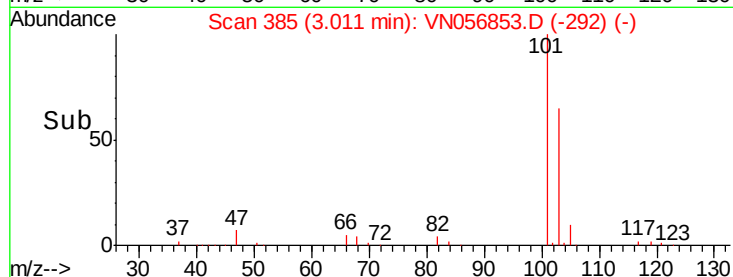
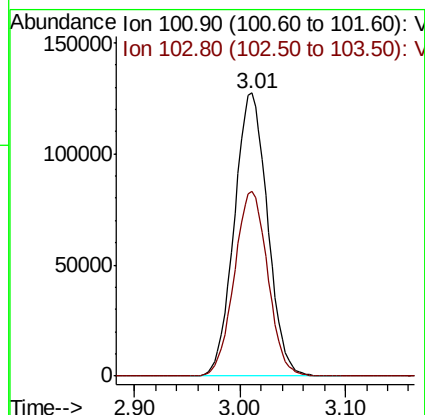
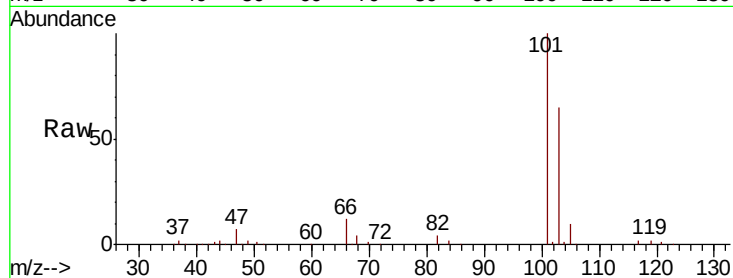


#7

Trichlorofluoromethane
Concen: 50.691 ug/l
RT: 3.01 min Scan# 385
Delta R.T. 0.00 min
Lab File: VN056853.D
Acq: 22 Jul 2019 13:10

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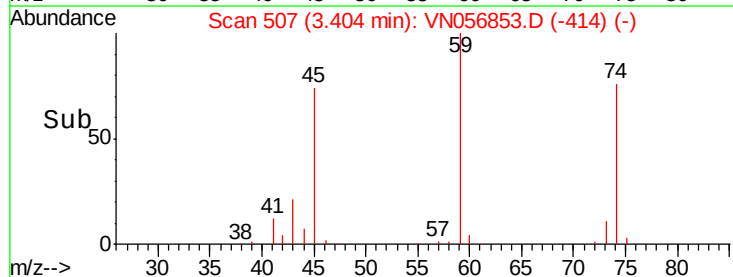
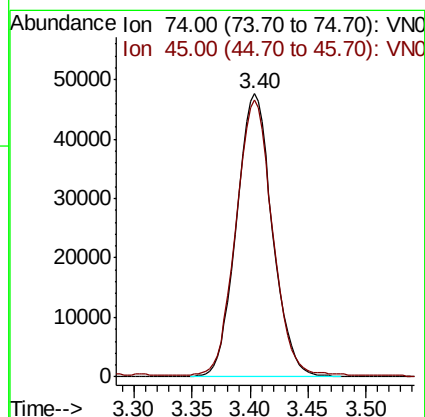
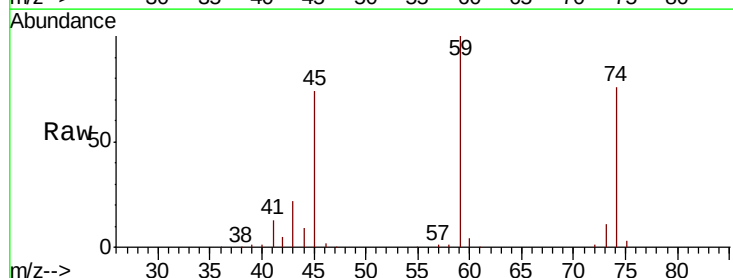
Tot Ion:101 Resp: 278329
Ion Ratio Lower Upper
101 100
103 65.4 52.3 78.5

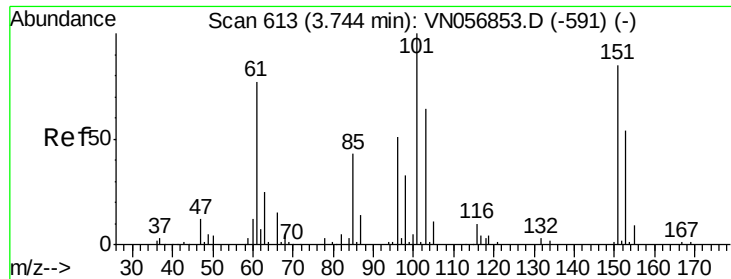


#8

Diethyl Ether
Concen: 48.627 ug/l
RT: 3.40 min Scan# 507
Delta R.T. 0.00 min
Lab File: VN056853.D
Acq: 22 Jul 2019 13:10

Tgt Ion: 74 Resp: 102307
Ion Ratio Lower Upper
74 100
45 98.4 49.2 147.6

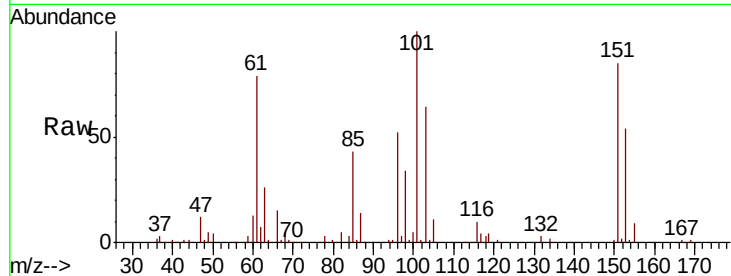




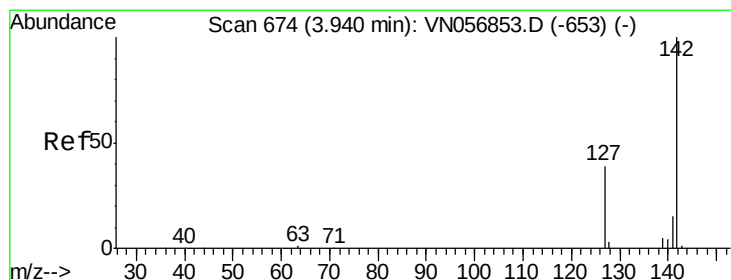
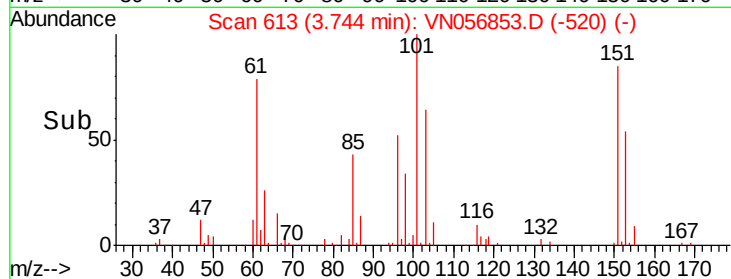
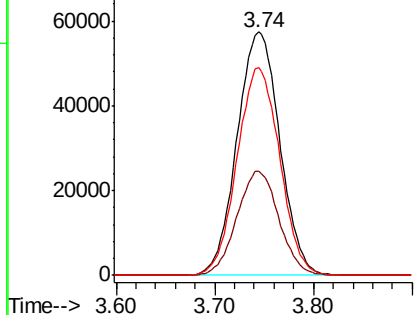
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 52.115 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VN056853.D
 Acq: 22 Jul 2019 13:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion:101 Resp: 172339
 Ion Ratio Lower Upper
 101 100
 85 42.1 33.7 50.5
 151 85.1 68.1 102.1

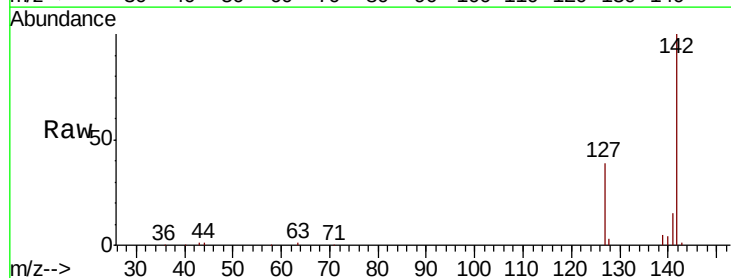


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VN
 Ion 150.80 (150.50 to 151.50): V

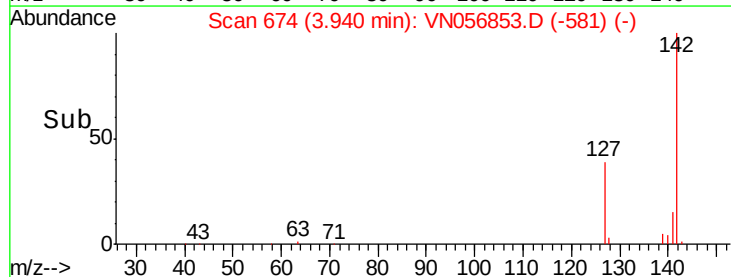
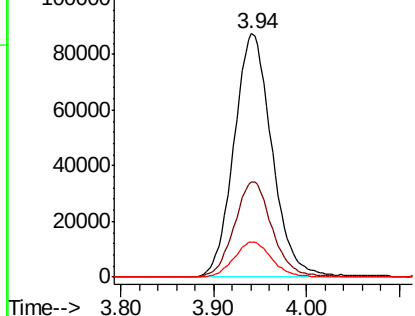


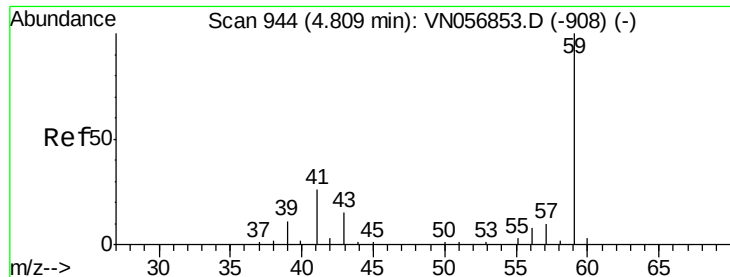
#10
 Methyl Iodide
 Concen: 55.685 ug/l
 RT: 3.94 min Scan# 674
 Delta R.T. 0.00 min
 Lab File: VN056853.D
 Acq: 22 Jul 2019 13:10

Tgt Ion:142 Resp: 248070
 Ion Ratio Lower Upper
 142 100
 127 39.0 31.2 46.8
 141 14.3 11.4 17.2



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



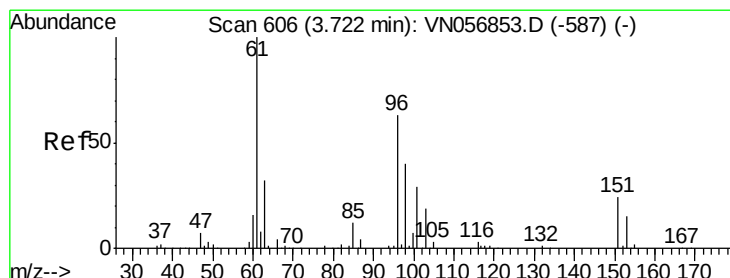
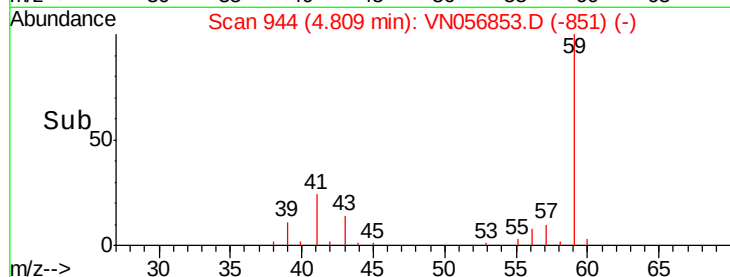
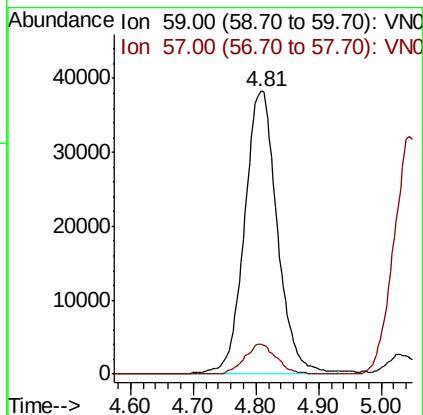
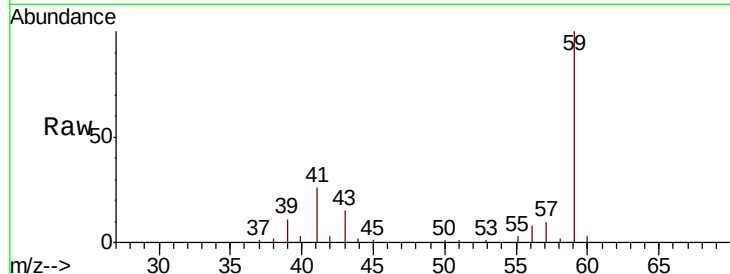


#11

Tert butyl alcohol
 Concen: 223.359 ug/l
 RT: 4.81 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: VN056853.D
 Acq: 22 Jul 2019 13:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

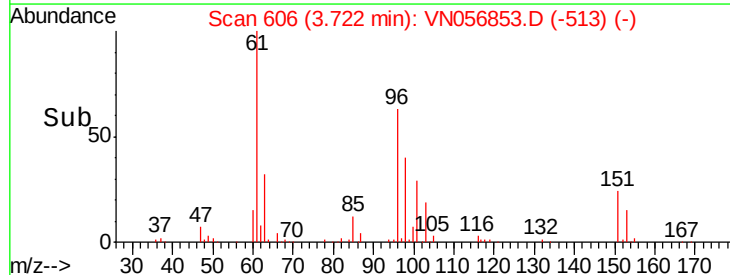
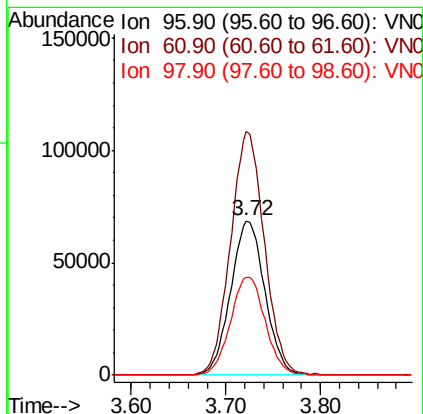
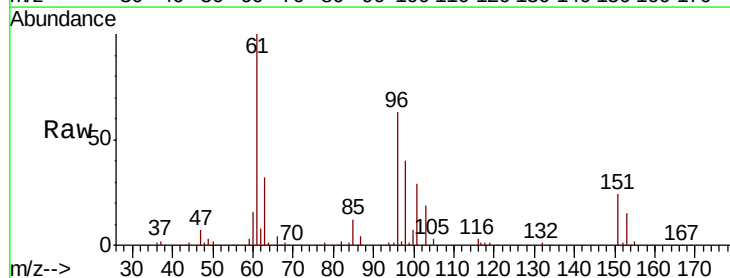
Tot Ion: 59 Resp: 139377
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

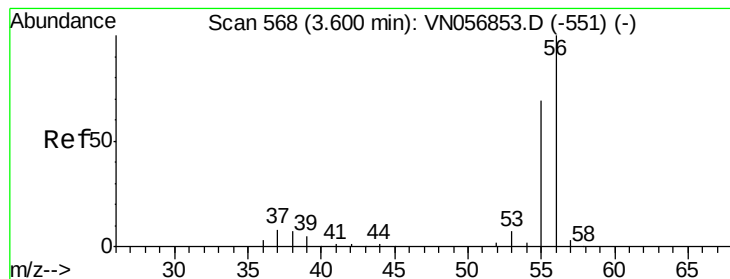


#12

1,1-Dichloroethene
 Concen: 52.021 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VN056853.D
 Acq: 22 Jul 2019 13:10

Tgt Ion: 96 Resp: 172463
 Ion Ratio Lower Upper
 96 100
 61 157.9 126.3 189.5
 98 63.7 51.0 76.4





#13

Acrolein

Concen: 410.319 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

Instrument :

MSVOA_N

ClientSampled :

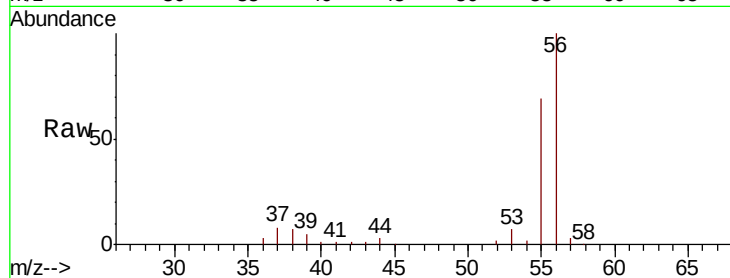
VSTDICCC050

Tot Ion: 56 Resp: 117365

Ion Ratio Lower Upper

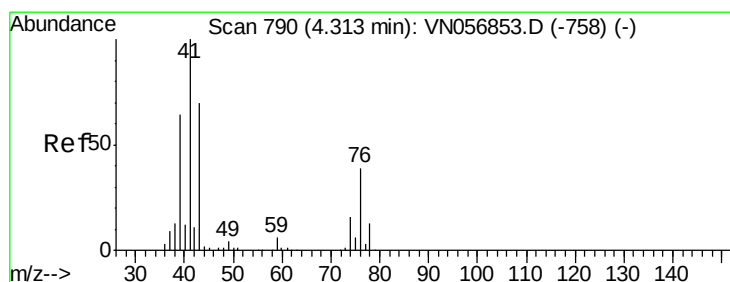
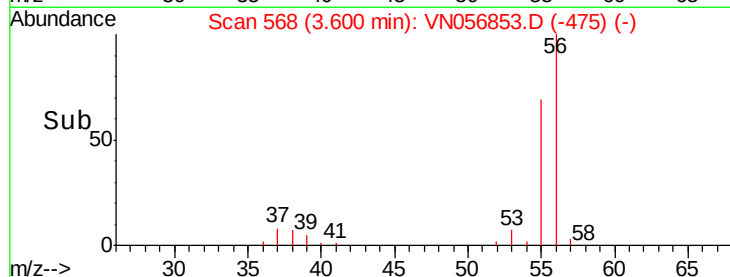
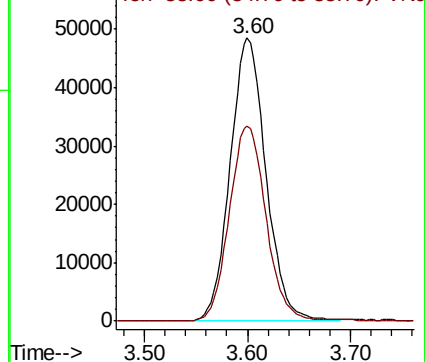
56 100

55 70.3 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 50.378 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

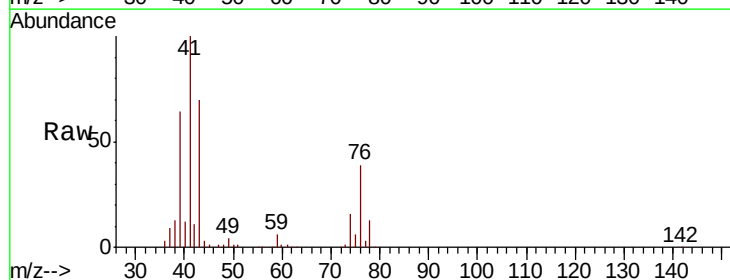
Tgt Ion: 41 Resp: 285546

Ion Ratio Lower Upper

41 100

39 59.7 47.8 71.6

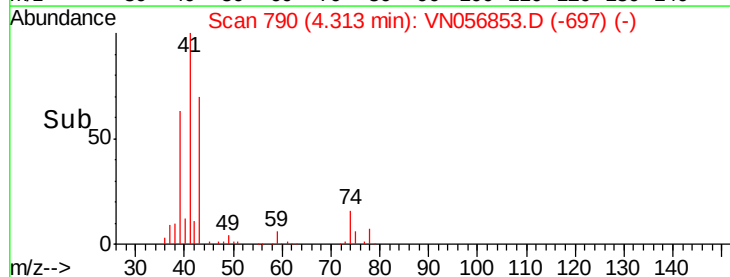
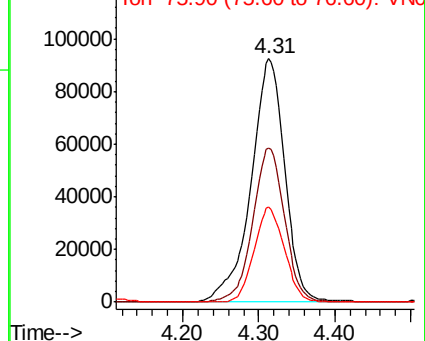
76 34.9 27.9 41.9

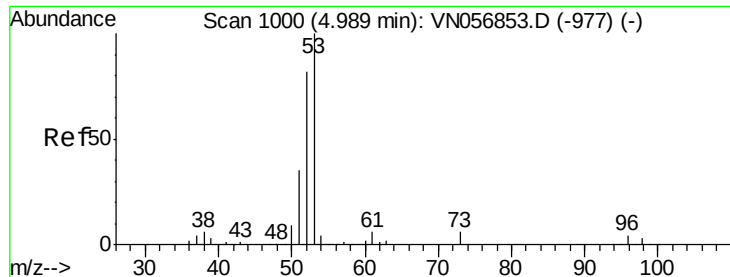


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

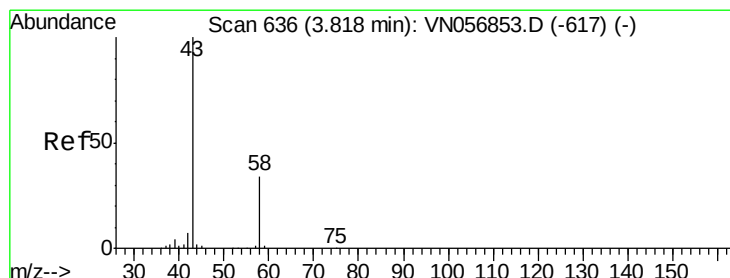
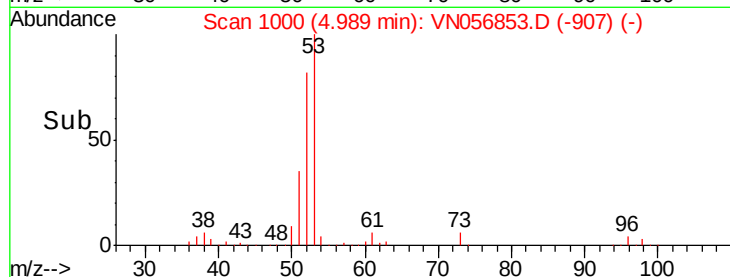
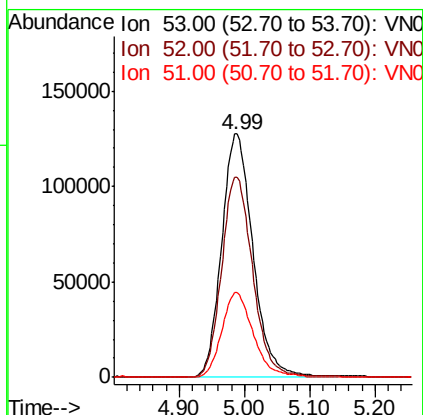
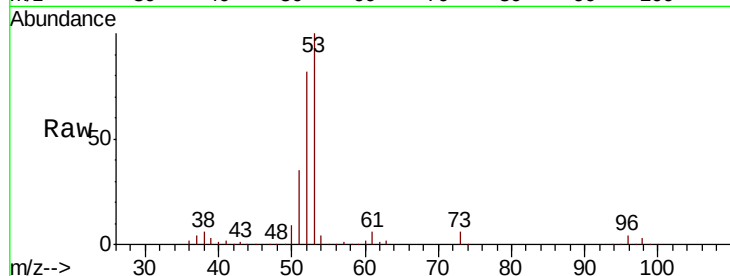




#15
 Acrylonitrile
 Concen: 233.799 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VN056853.D
 Acq: 22 Jul 2019 13:10

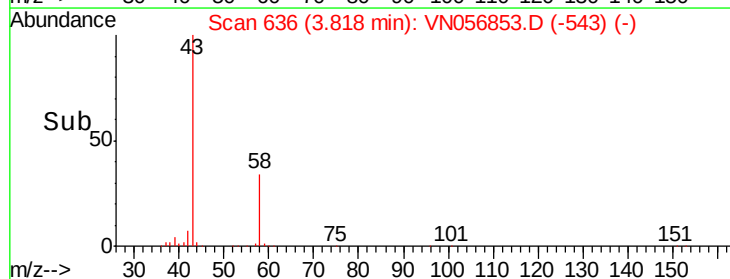
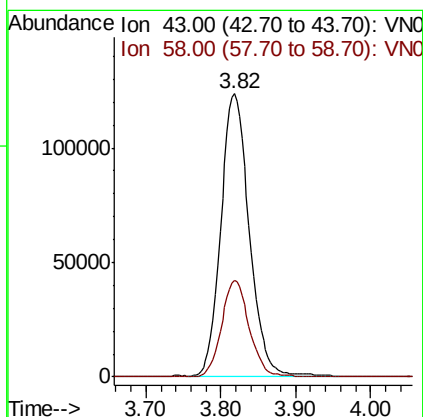
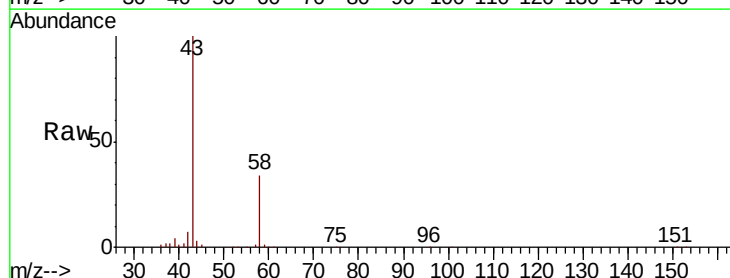
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

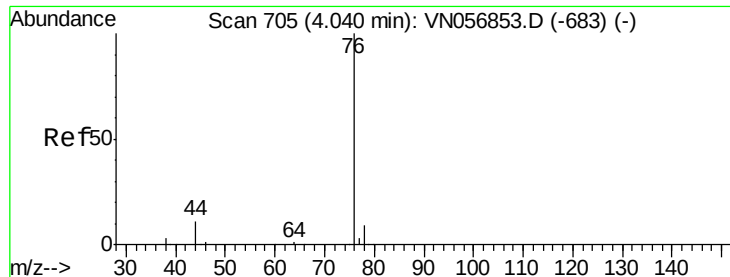
Tot Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.0	97.6
51	35.2	28.2	42.2



#16
 Acetone
 Concen: 190.021 ug/l
 RT: 3.82 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: VN056853.D
 Acq: 22 Jul 2019 13:10

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.1	27.3	40.9





#17

Carbon Disulfide

Concen: 53.969 ug/l

RT: 4.04 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

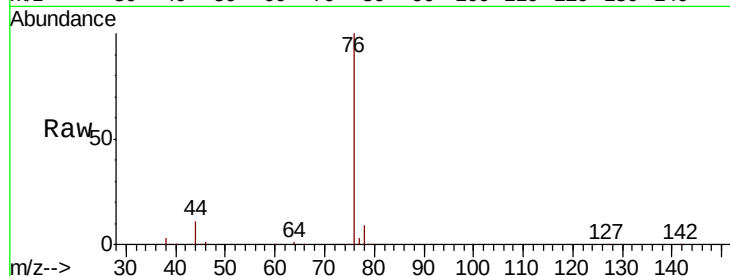
VSTDICCC050

Tot Ion: 76 Resp: 476305

Ion Ratio Lower Upper

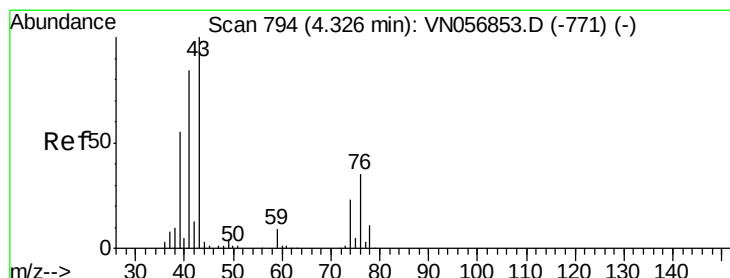
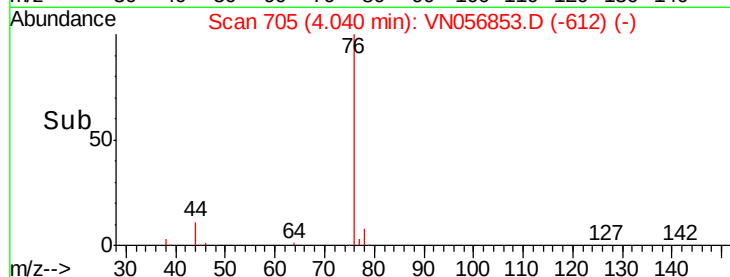
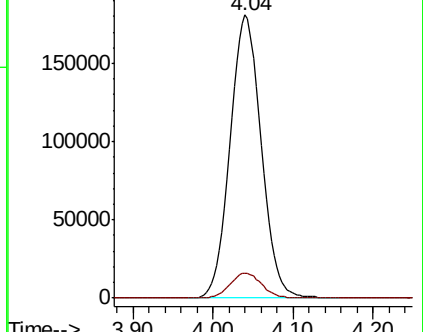
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 46.780 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN056853.D

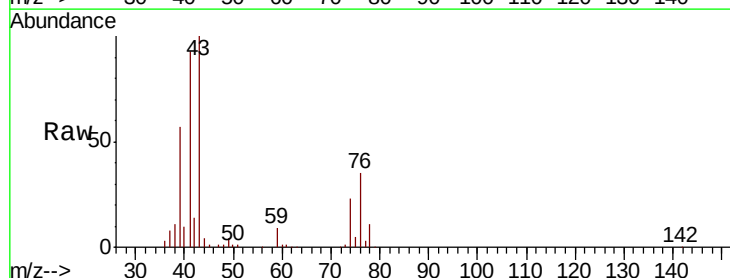
Acq: 22 Jul 2019 13:10

Tgt Ion: 43 Resp: 227012

Ion Ratio Lower Upper

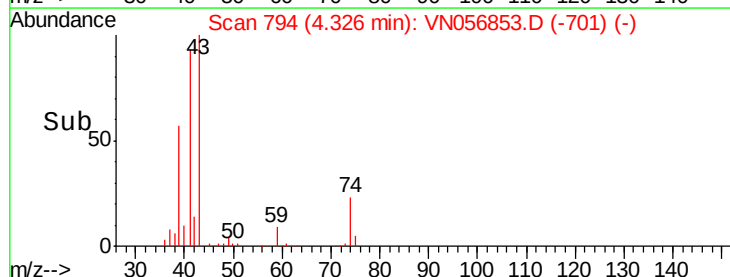
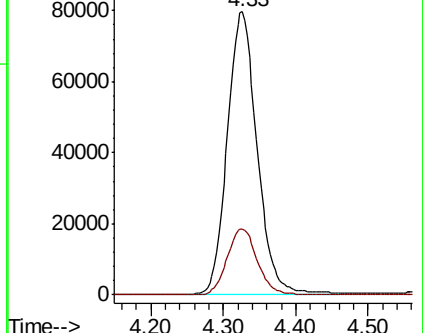
43 100

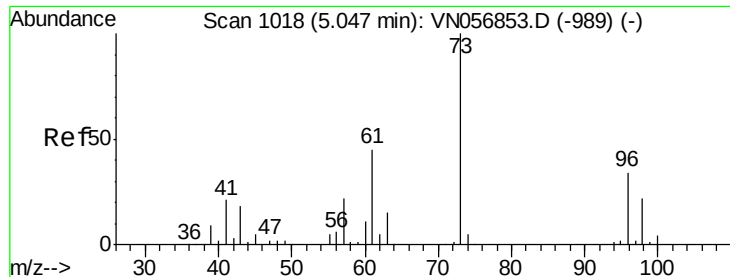
74 23.7 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

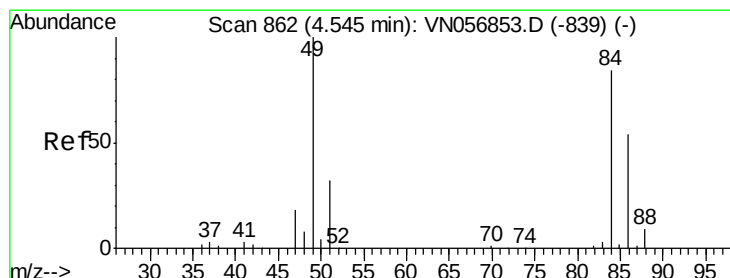
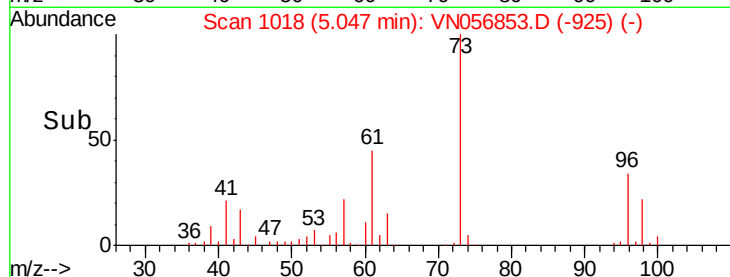
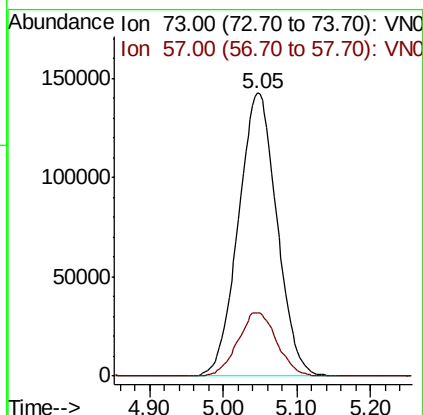
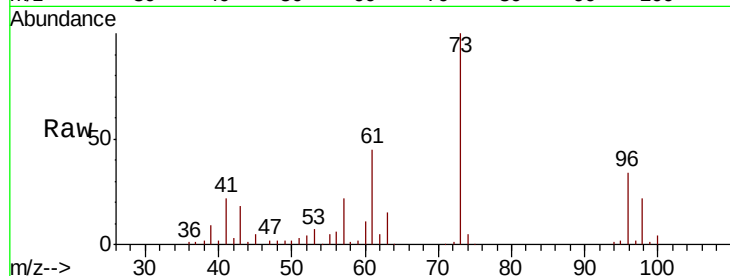




#19
Methyl tert-butyl Ether
Concen: 49.783 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN056853.D
Acq: 22 Jul 2019 13:10

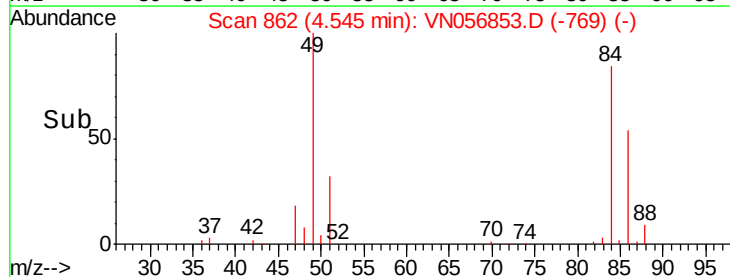
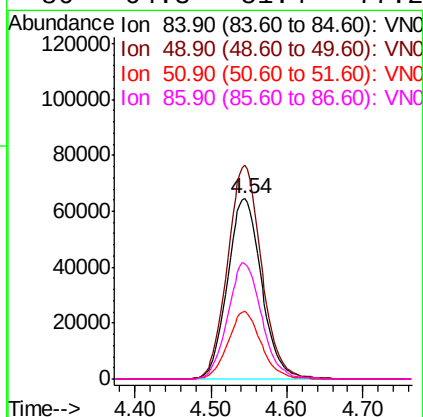
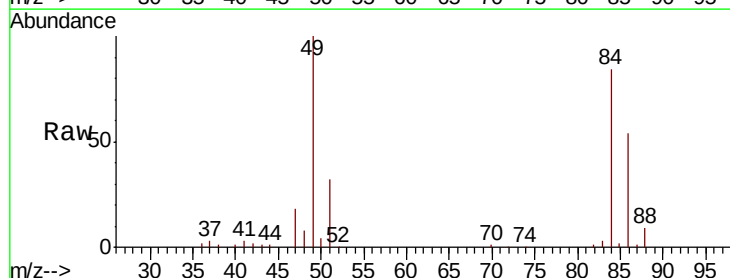
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

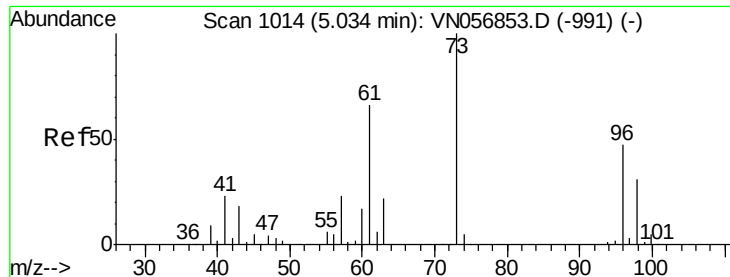
Tot Ion: 73 Resp: 519575
Ion Ratio Lower Upper
73 100
57 22.5 18.0 27.0



#20
Methylene Chloride
Concen: 51.256 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN056853.D
Acq: 22 Jul 2019 13:10

Tgt Ion: 84 Resp: 200922
Ion Ratio Lower Upper
84 100
49 118.6 94.9 142.3
51 37.4 29.9 44.9
86 64.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 52.264 ug/l

RT: 5.03 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

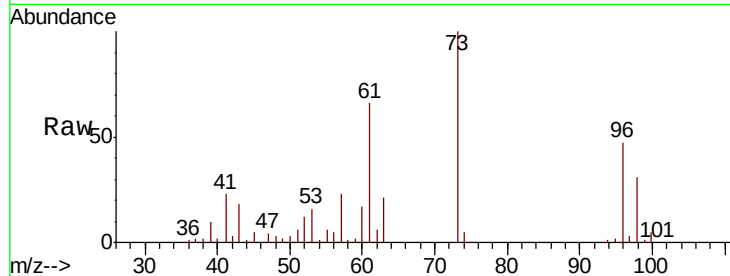
Tot Ion: 96 Resp: 182483

Ion Ratio Lower Upper

96 100

61 141.0 112.8 169.2

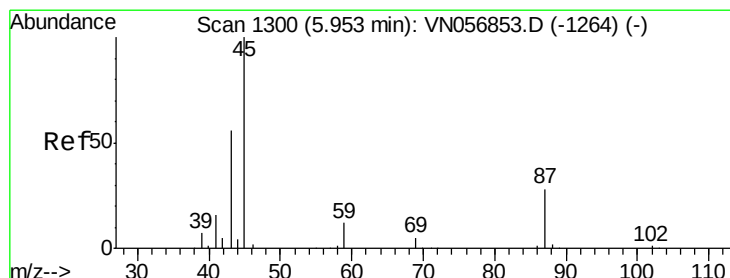
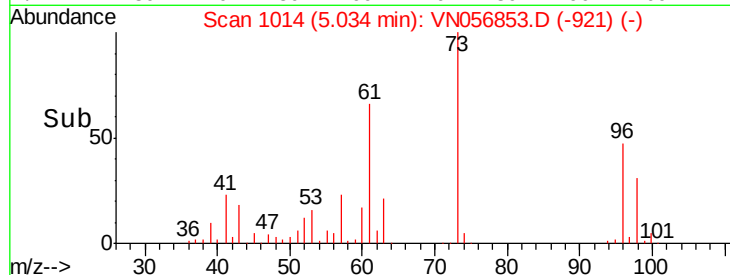
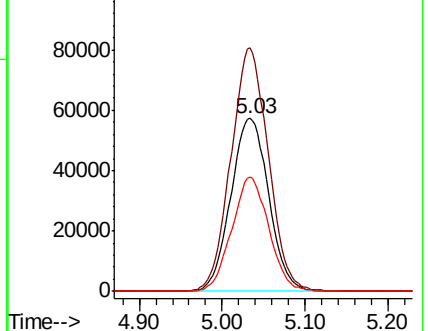
98 66.6 53.3 79.9



Abundance Ion 95.90 (95.60 to 96.60): VN056853.D (-991) (-)

Ion 60.90 (60.60 to 61.60): VN056853.D (-991) (-)

Ion 97.90 (97.60 to 98.60): VN056853.D (-991) (-)



#22

Diisopropyl ether

Concen: 52.347 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

Tgt Ion: 45 Resp: 588576

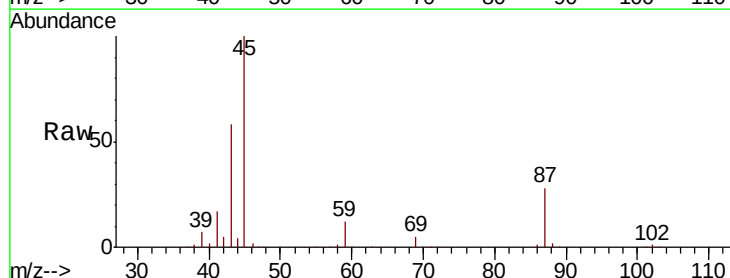
Ion Ratio Lower Upper

45 100

43 56.9 45.5 68.3

87 28.4 22.7 34.1

59 11.6 9.3 13.9

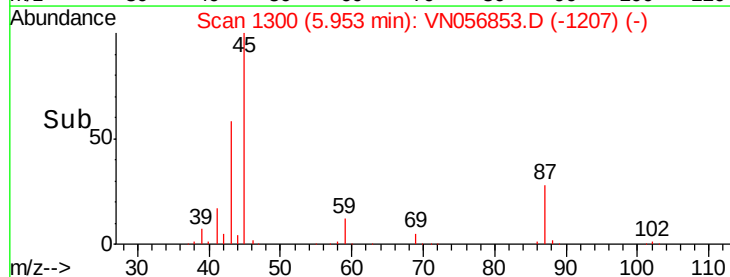
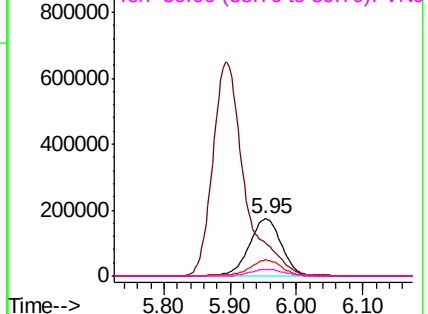


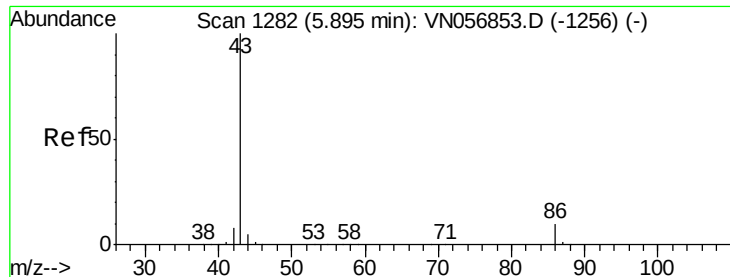
Abundance Ion 45.00 (44.70 to 45.70): VN056853.D (-1264) (-)

Ion 43.00 (42.70 to 43.70): VN056853.D (-1264) (-)

Ion 87.00 (86.70 to 87.70): VN056853.D (-1264) (-)

Ion 59.00 (58.70 to 59.70): VN056853.D (-1264) (-)

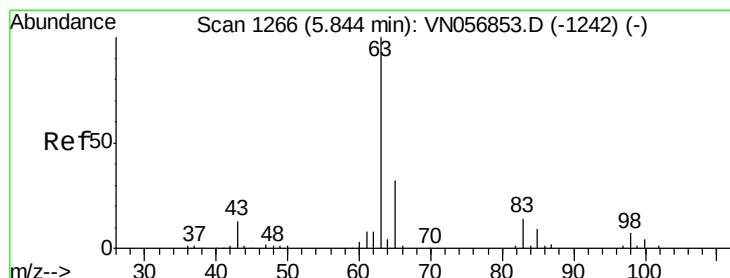
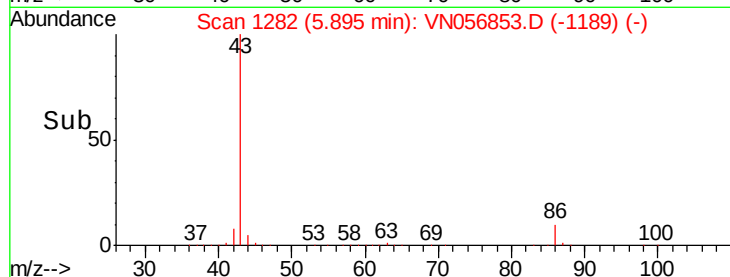
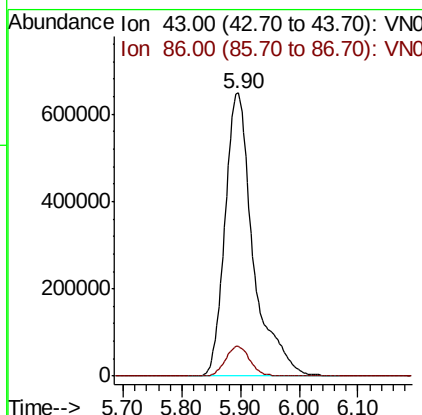
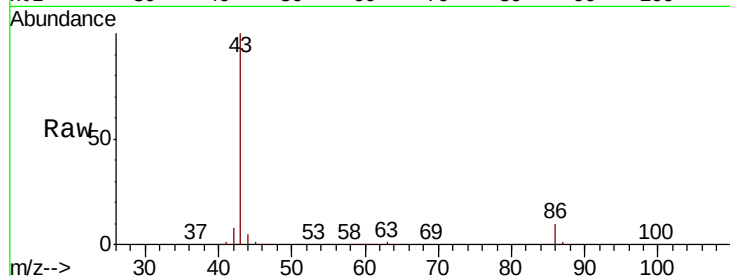




#23
 Vinyl Acetate
 Concen: 242.958 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056853.D
 Acq: 22 Jul 2019 13:10

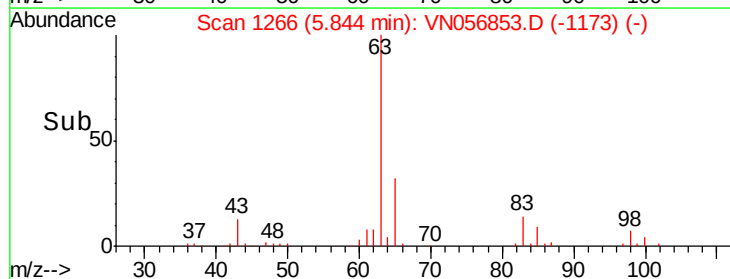
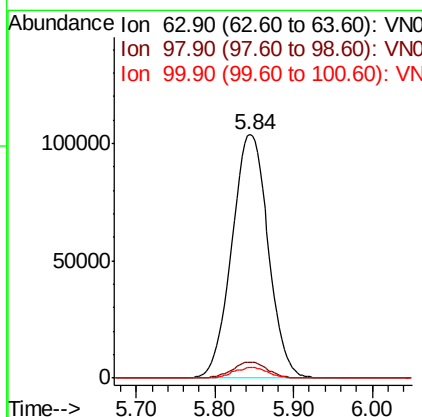
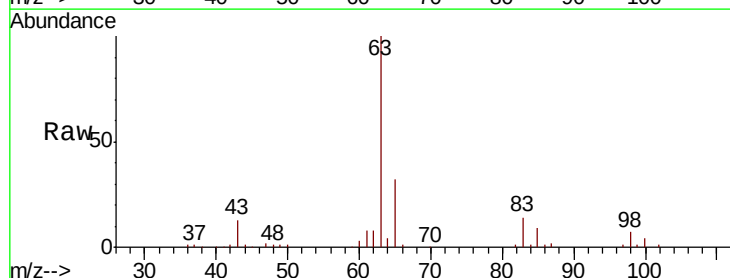
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

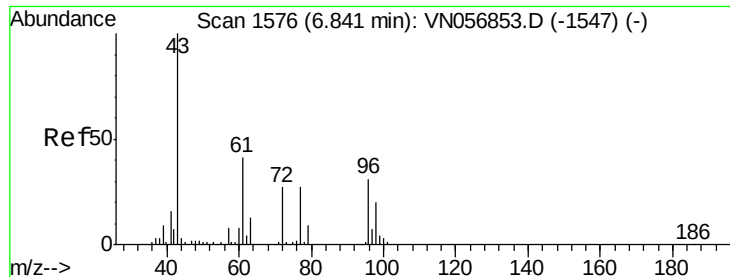
Tot Ion: 43 Resp: 2165588
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 51.462 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN056853.D
 Acq: 22 Jul 2019 13:10

Tgt Ion: 63 Resp: 335779
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 4.4 2.2 6.6





#25

2-Butanone

Concen: 207.298 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

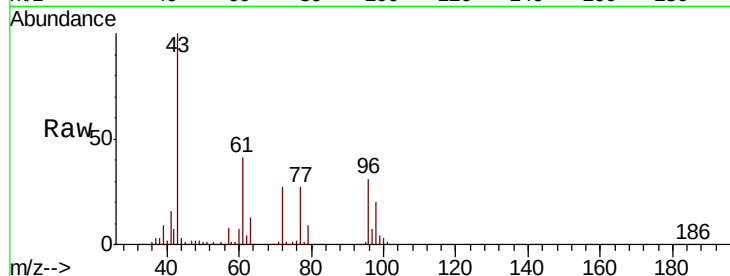
VSTDICCC050

Tot Ion: 43 Resp: 518820

Ion Ratio Lower Upper

43 100

72 26.9 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.84

200000

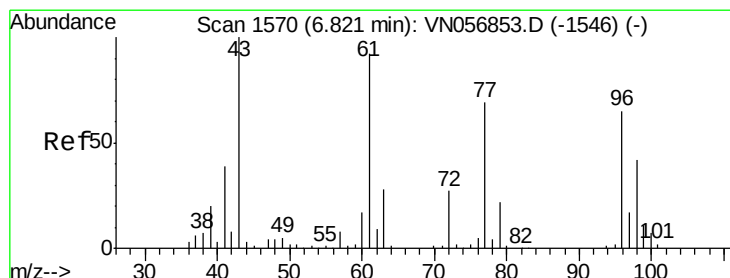
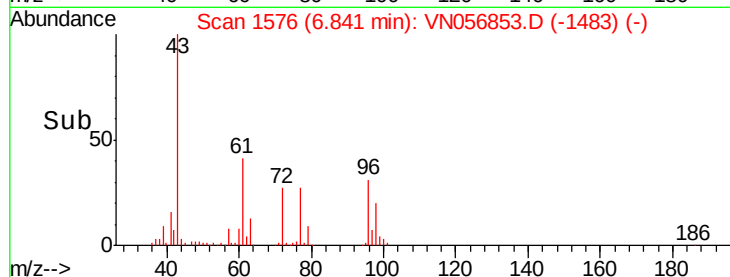
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 49.891 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN056853.D

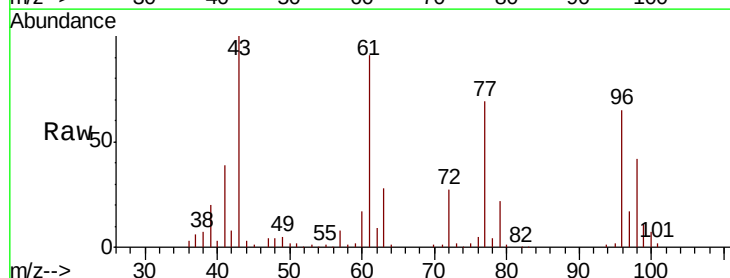
Acq: 22 Jul 2019 13:10

Tgt Ion: 77 Resp: 232291

Ion Ratio Lower Upper

77 100

97 24.8 12.4 37.2



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.82

80000

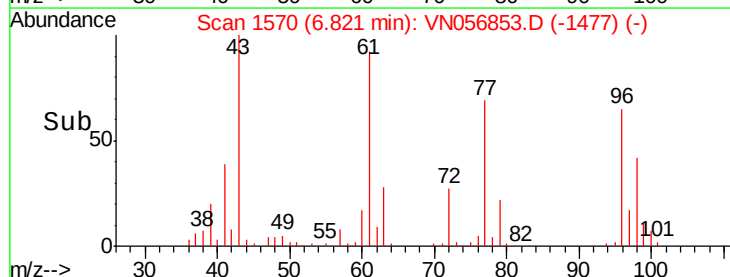
60000

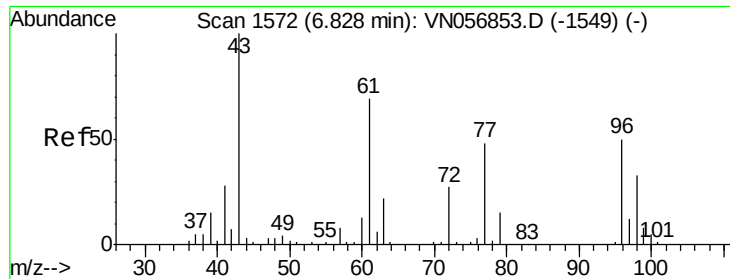
40000

20000

0

Time-->

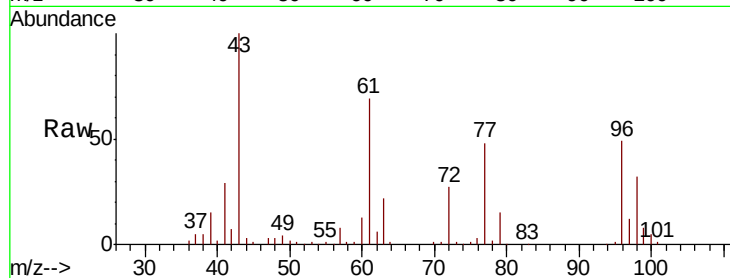




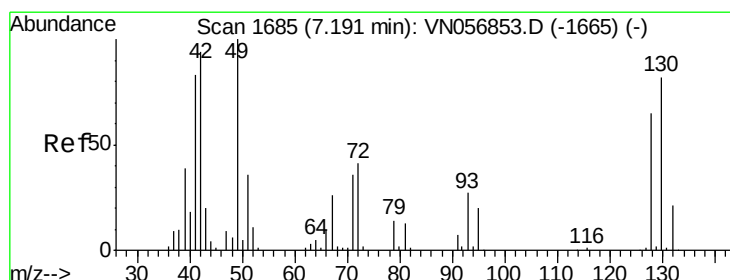
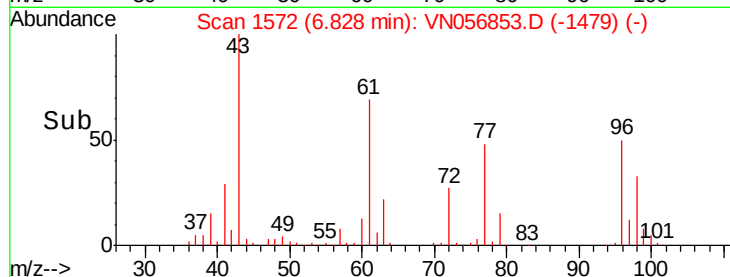
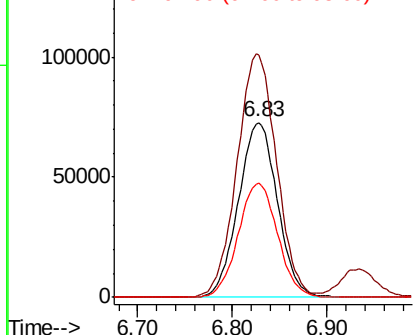
#27
 cis-1,2-Dichloroethene
 Concen: 52.077 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN056853.D
 Acq: 22 Jul 2019 13:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 96 Resp: 208647
 Ion Ratio Lower Upper
 96 100
 61 140.8 0.0 281.6
 98 66.0 0.0 132.0

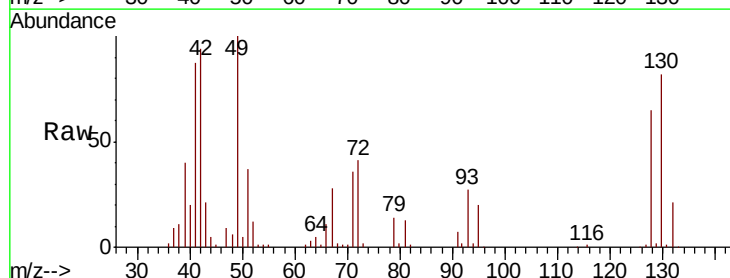


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

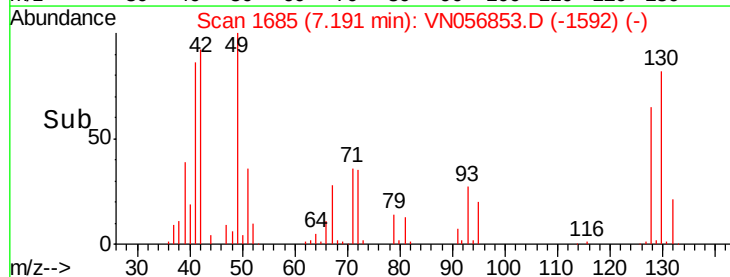
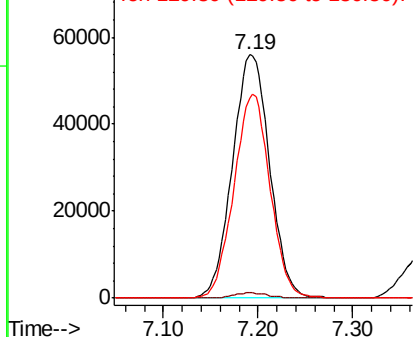


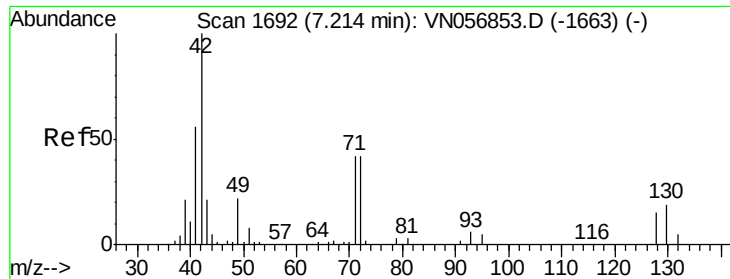
#28
 Bromochloromethane
 Concen: 50.365 ug/l
 RT: 7.19 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: VN056853.D
 Acq: 22 Jul 2019 13:10

Tgt Ion: 49 Resp: 153352
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 81.3 65.0 97.6



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

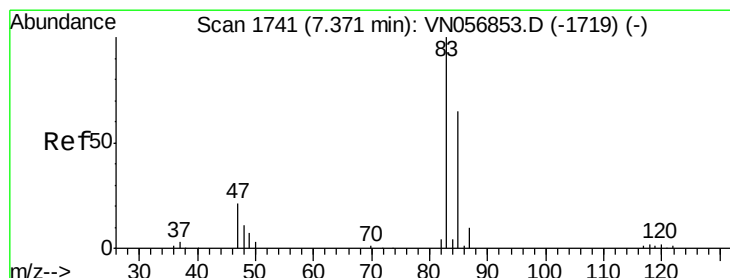
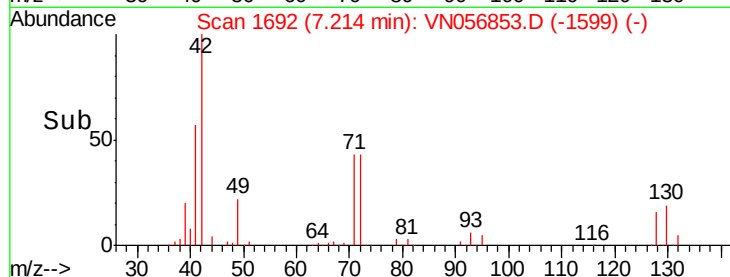
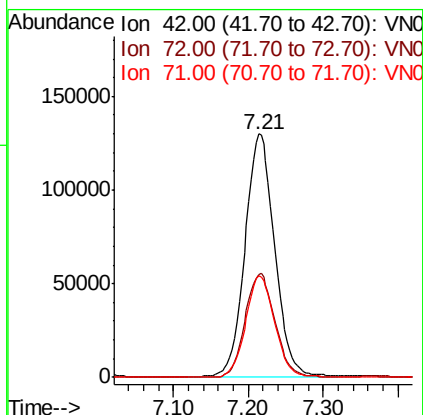
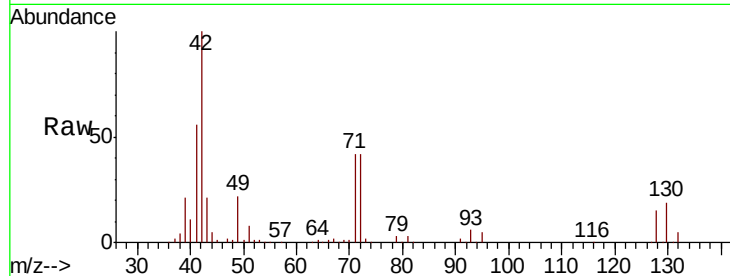




#29
Tetrahydrofuran
Concen: 218.826 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN056853.D
Acq: 22 Jul 2019 13:10

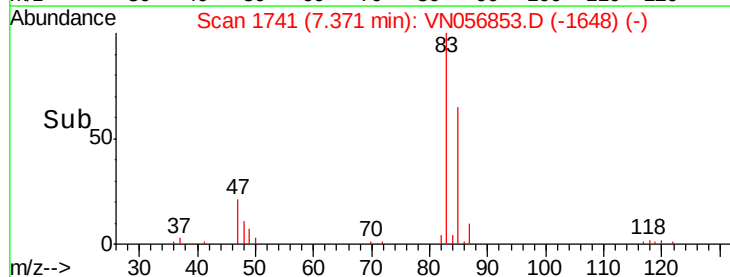
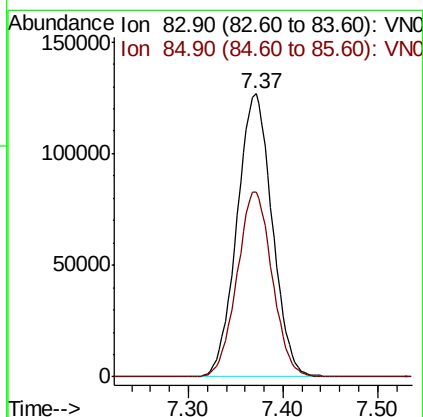
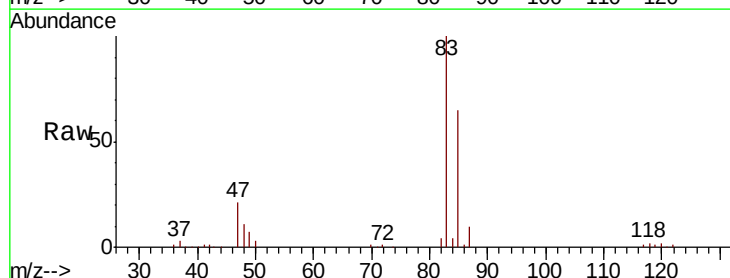
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

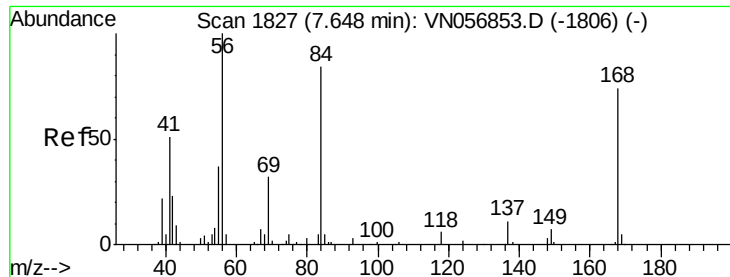
Tot Ion: 42 Resp: 359810
Ion Ratio Lower Upper
42 100
72 42.7 34.2 51.2
71 40.9 32.7 49.1



#30
Chloroform
Concen: 50.190 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056853.D
Acq: 22 Jul 2019 13:10

Tgt Ion: 83 Resp: 327978
Ion Ratio Lower Upper
83 100
85 65.4 52.3 78.5

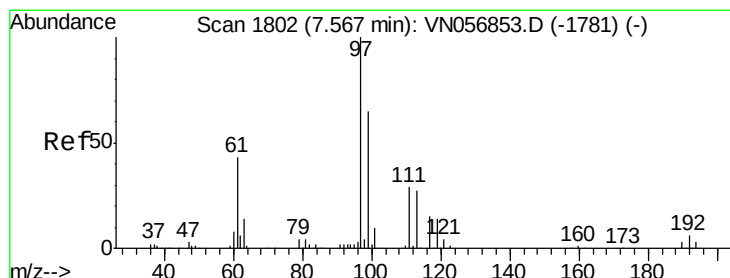
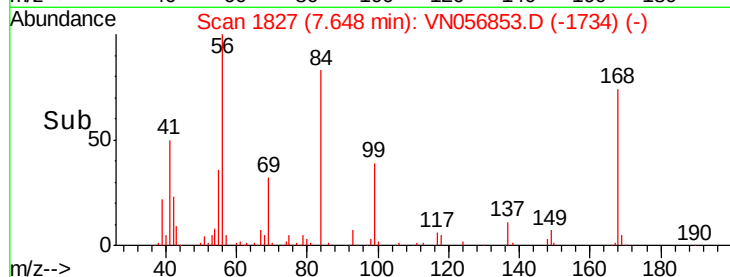
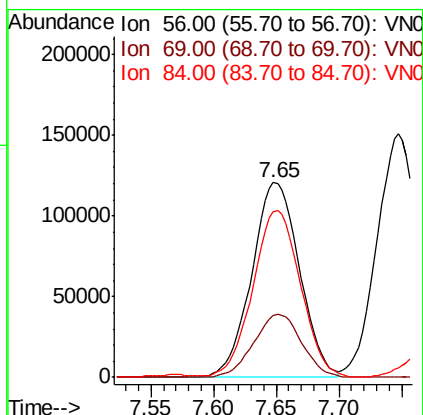
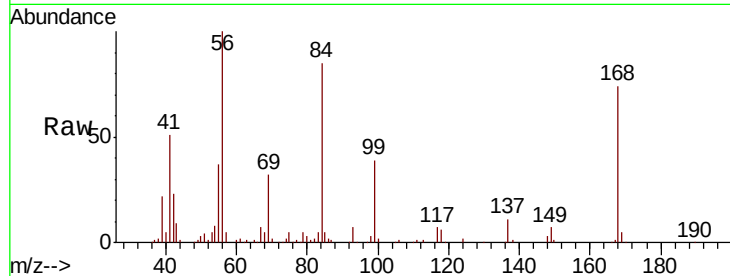




#31
Cyclohexane
Concen: 51.457 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN056853.D
Acq: 22 Jul 2019 13:10

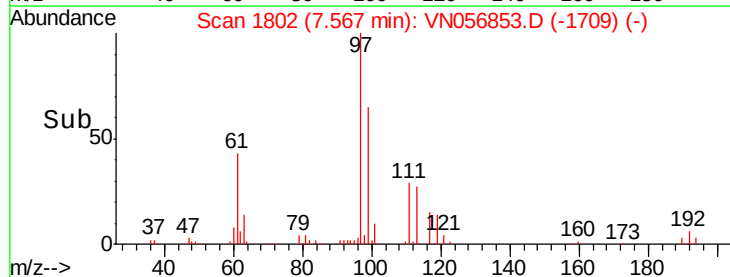
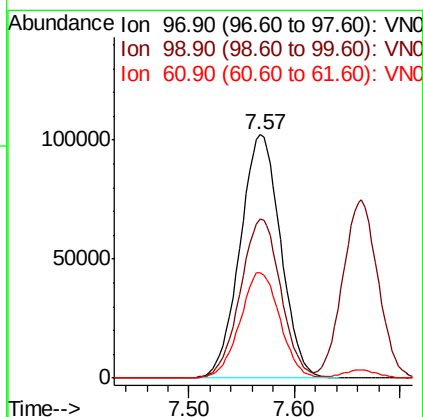
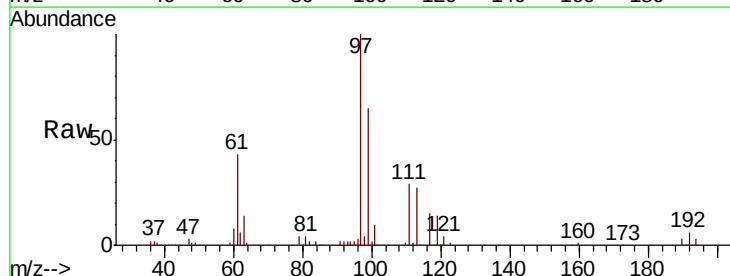
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

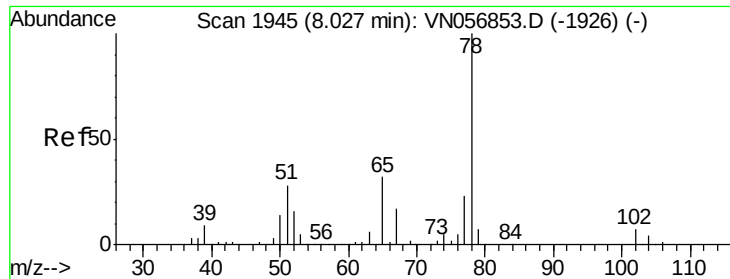
Tot Ion: 56 Resp: 319973
Ion Ratio Lower Upper
56 100
69 31.9 25.5 38.3
84 84.1 67.3 100.9



#32
1,1,1-Trichloroethane
Concen: 52.970 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN056853.D
Acq: 22 Jul 2019 13:10

Tgt Ion: 97 Resp: 274023
Ion Ratio Lower Upper
97 100
99 65.1 52.1 78.1
61 42.5 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 48.139 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

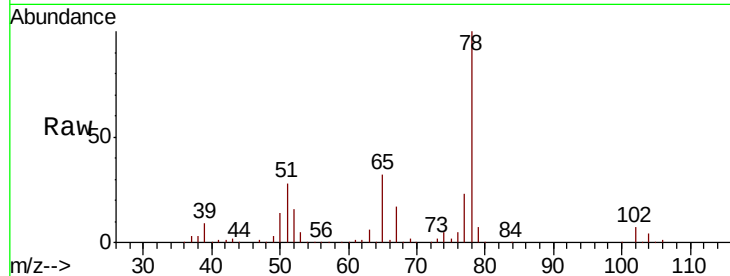
VSTDICCC050

Tot Ion: 65 Resp: 183144

Ion Ratio Lower Upper

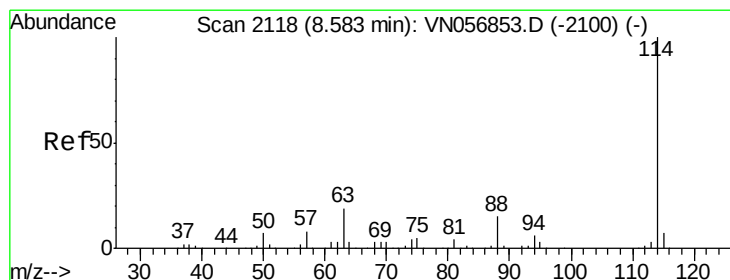
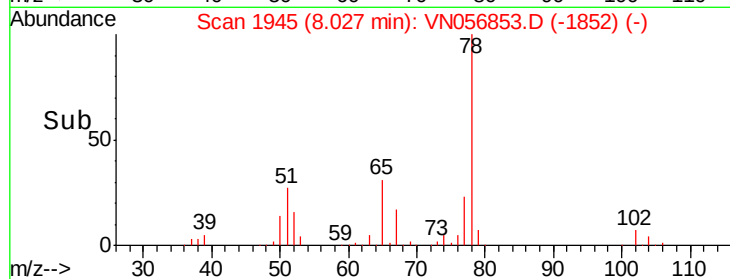
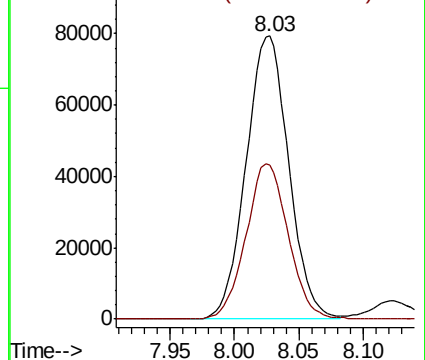
65 100

67 54.3 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

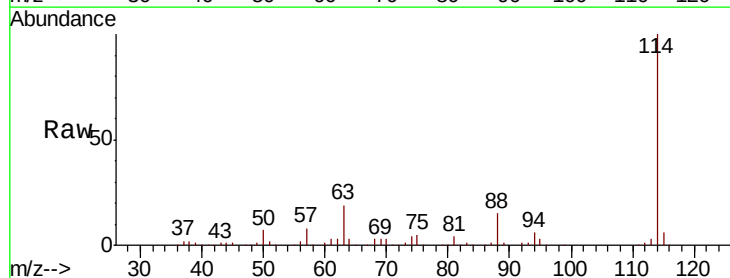
Tgt Ion: 114 Resp: 524963

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.8

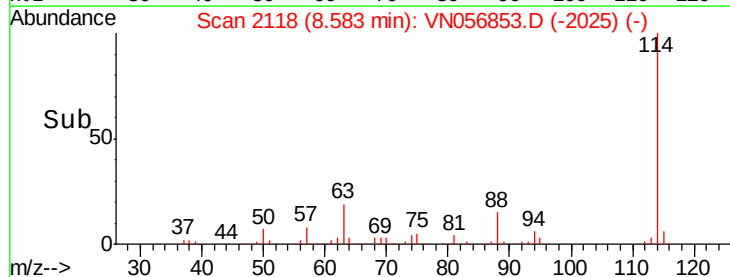
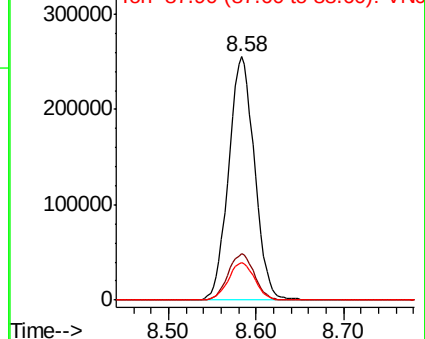
88 15.5 0.0 31.0

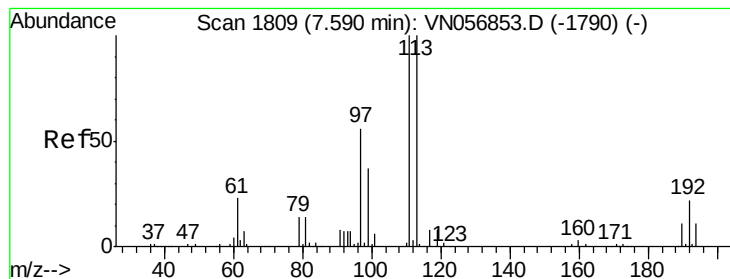


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0





#35

Dibromofluoromethane

Concen: 50.572 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

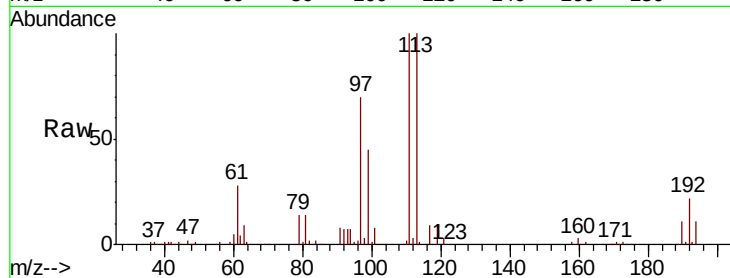
Tot Ion:113 Resp: 165760

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

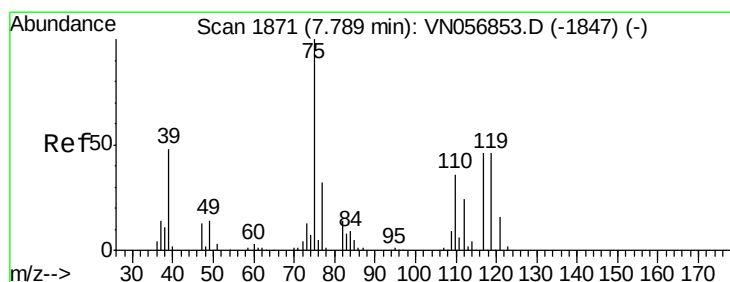
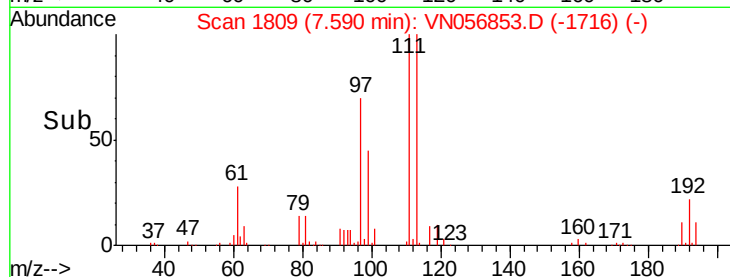
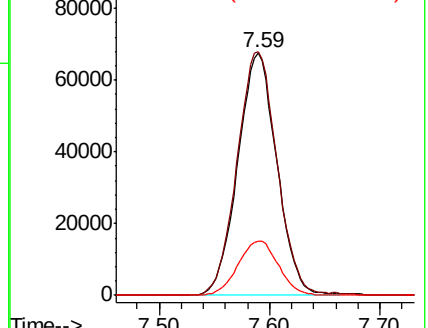
192 23.1 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.427 ug/l

RT: 7.79 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

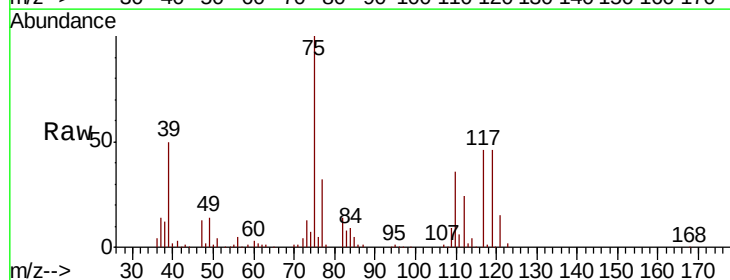
Tgt Ion: 75 Resp: 253291

Ion Ratio Lower Upper

75 100

110 35.8 17.9 53.7

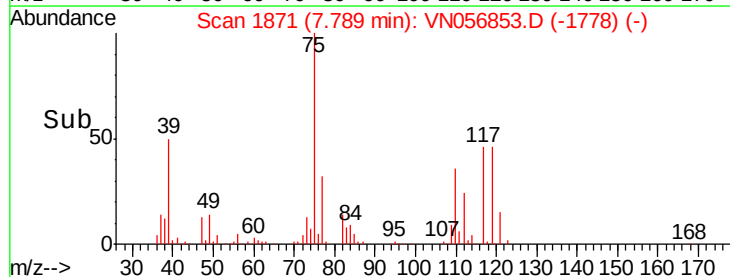
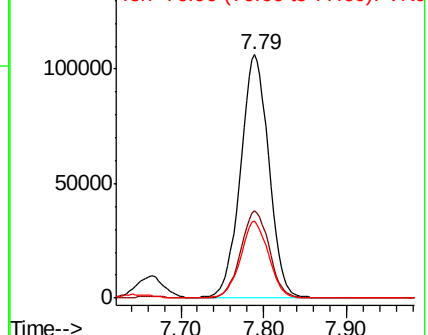
77 31.3 25.0 37.6

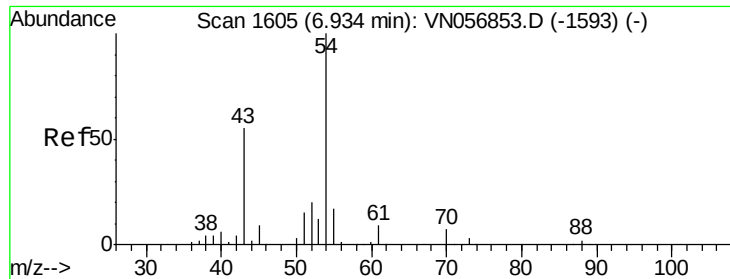


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

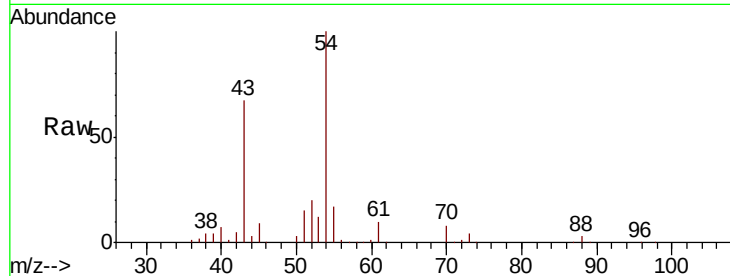




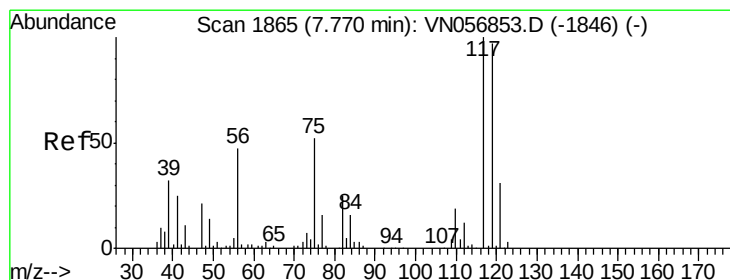
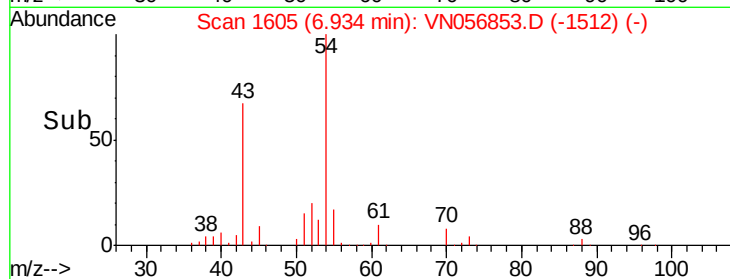
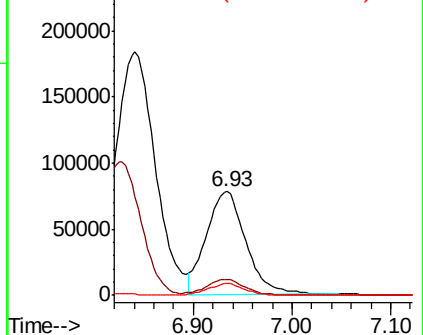
#37
Ethyl Acetate
Concen: 46.465 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056853.D
Acq: 22 Jul 2019 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 217996
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.8
70 10.8 8.6 13.0

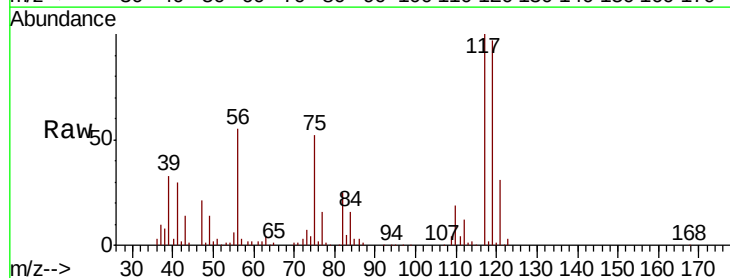


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

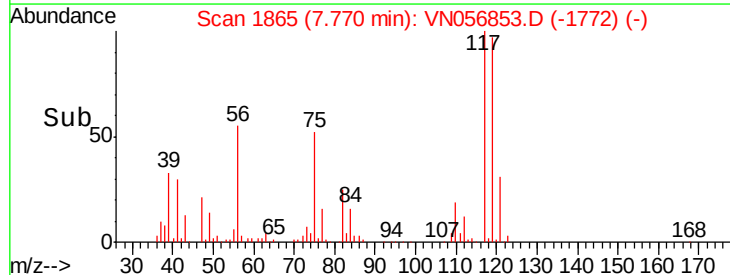
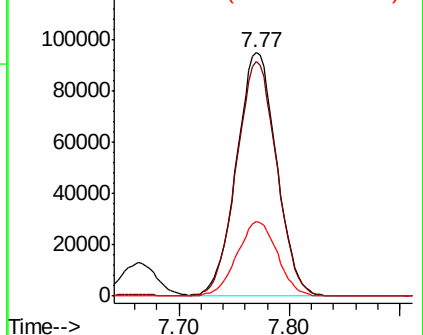


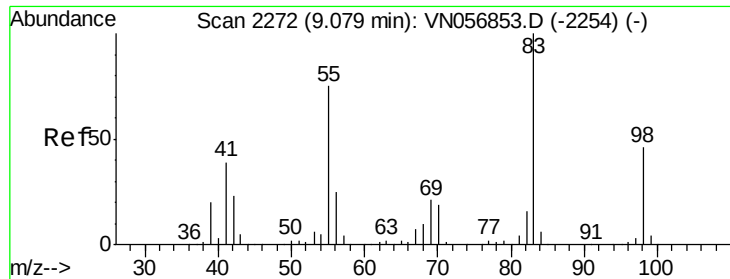
#38
Carbon Tetrachloride
Concen: 51.953 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056853.D
Acq: 22 Jul 2019 13:10

Tgt Ion: 117 Resp: 239878
Ion Ratio Lower Upper
117 100
119 96.5 77.2 115.8
121 30.6 24.5 36.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

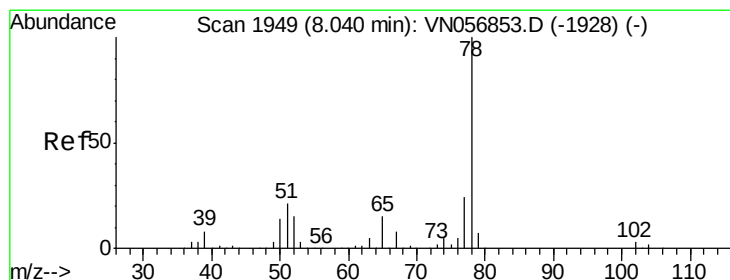
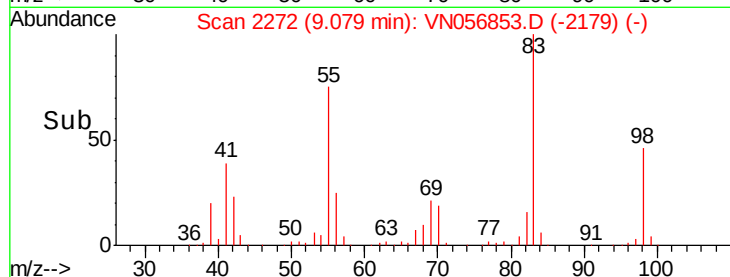
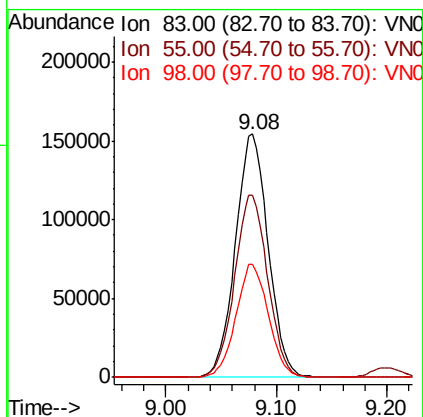
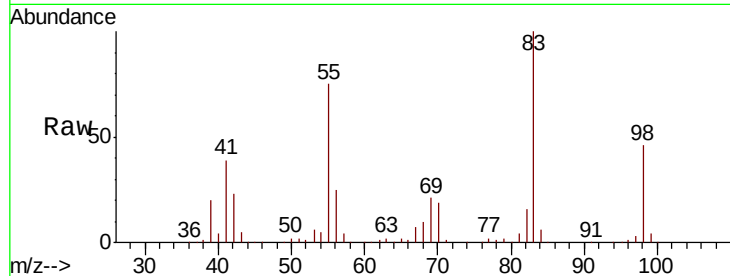




#39
Methylvlcyclohexane
Concen: 52.180 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056853.D
Acq: 22 Jul 2019 13:10

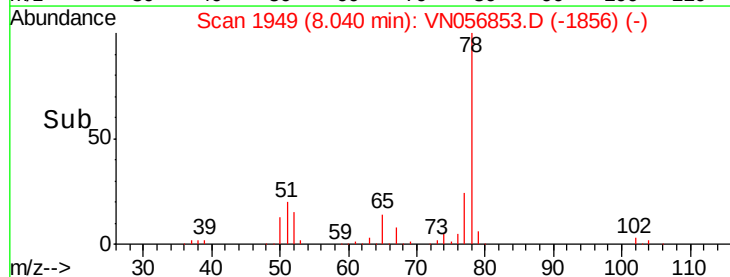
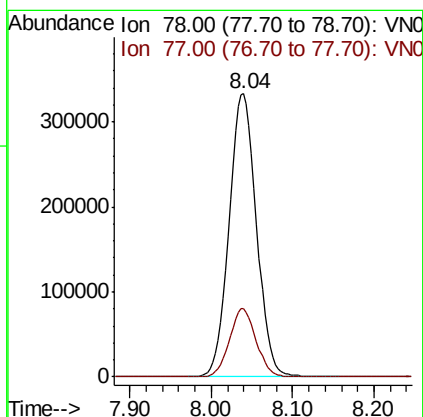
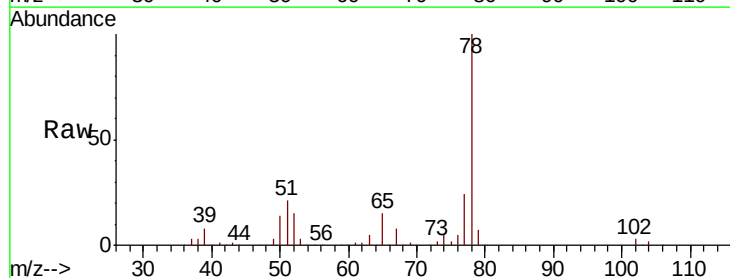
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

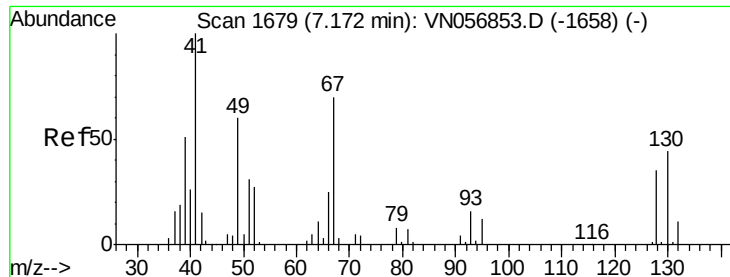
Tot Ion: 83 Resp: 317177
Ion Ratio Lower Upper
83 100
55 74.8 59.8 89.8
98 46.4 37.1 55.7



#40
Benzene
Concen: 51.873 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056853.D
Acq: 22 Jul 2019 13:10

Tgt Ion: 78 Resp: 782591
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7

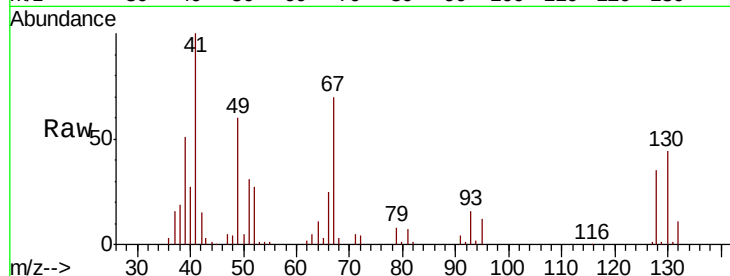




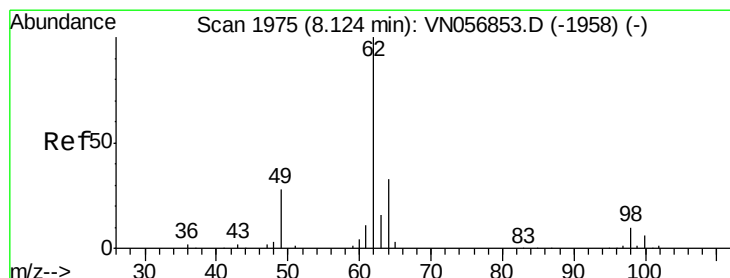
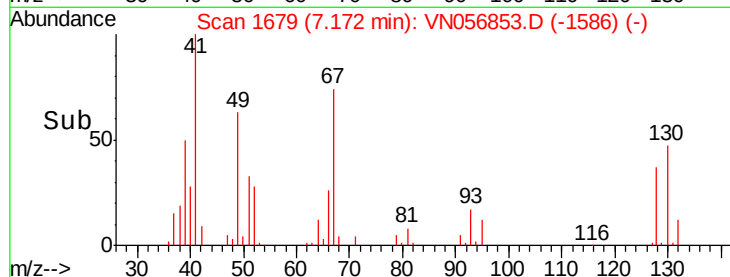
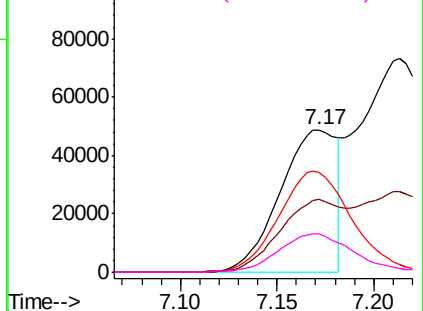
#41
Methacrylonitrile
Concen: 47.953 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056853.D
Acq: 22 Jul 2019 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 41 Resp: 100116
Ion Ratio Lower Upper
41 100
39 55.0 44.0 66.0
67 91.9 73.5 110.3
52 35.8 28.6 43.0

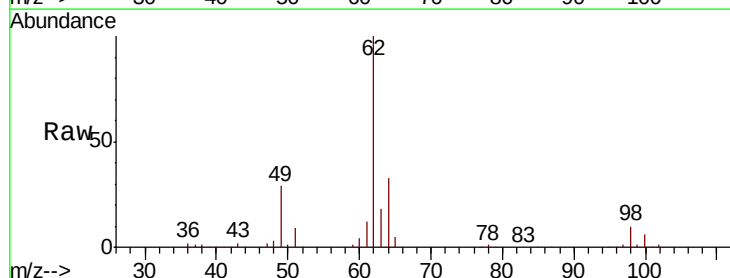


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

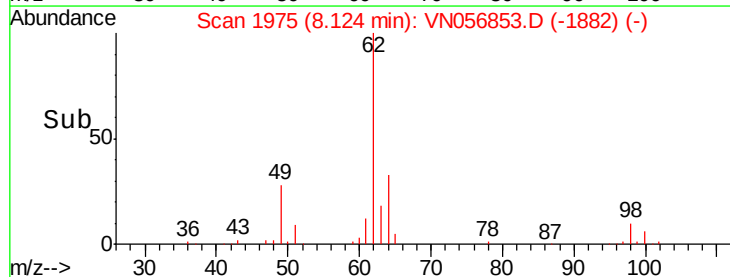
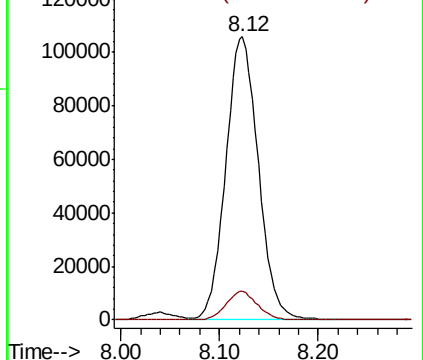


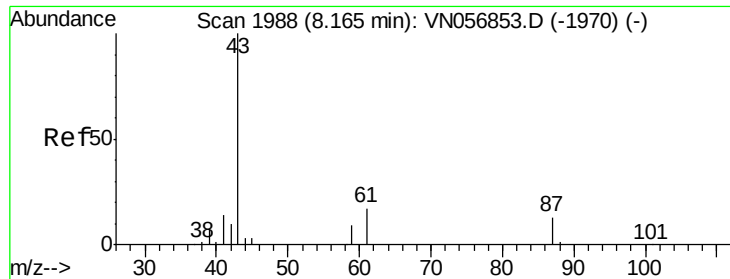
#42
1,2-Dichloroethane
Concen: 51.056 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056853.D
Acq: 22 Jul 2019 13:10

Tgt Ion: 62 Resp: 242626
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 47.317 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

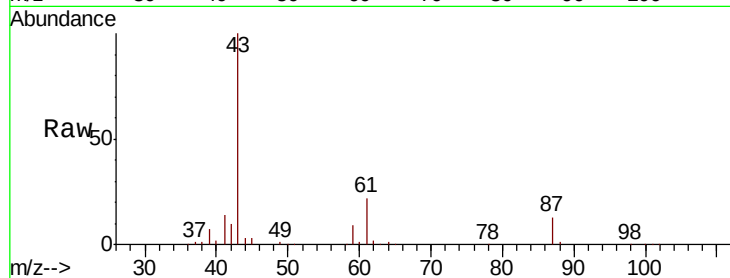
Tot Ion: 43 Resp: 351519

Ion Ratio Lower Upper

43 100

61 22.2 17.8 26.6

87 13.7 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056853.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056853.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056853.D (-1970) (-)

8.17

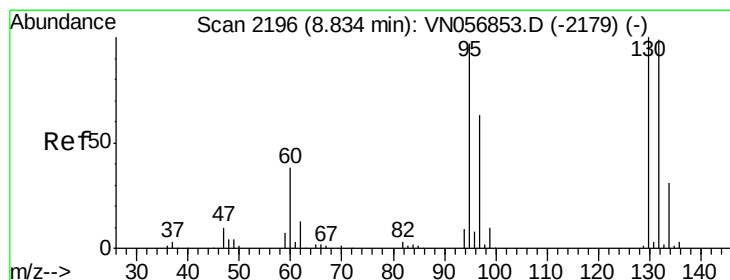
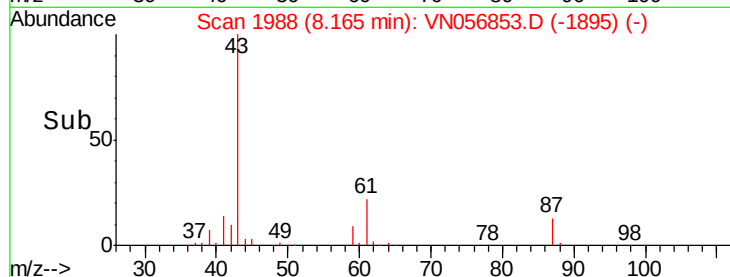
150000

100000

50000

0

Time--> 8.05 8.10 8.15 8.20 8.25



#44

Trichloroethene

Concen: 51.122 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056853.D

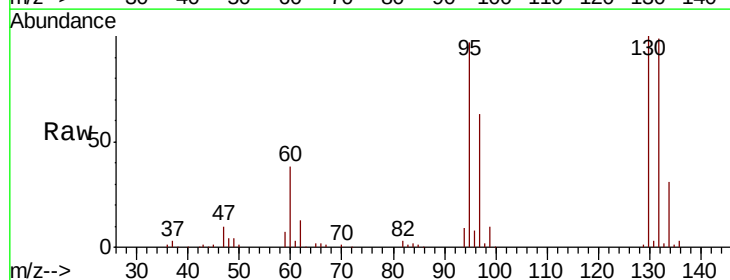
Acq: 22 Jul 2019 13:10

Tgt Ion:130 Resp: 209664

Ion Ratio Lower Upper

130 100

95 97.0 0.0 194.0



Abundance Ion 129.80 (129.50 to 130.50): VN056853.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN056853.D (-2179) (-)

8.83

100000

80000

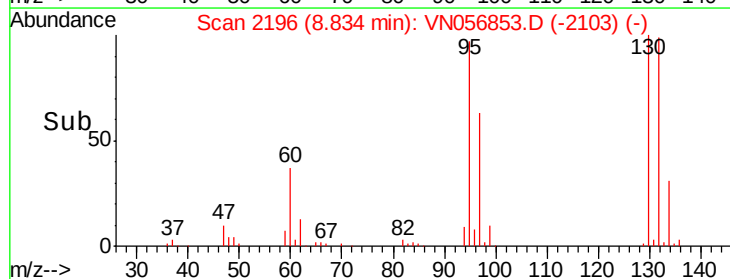
60000

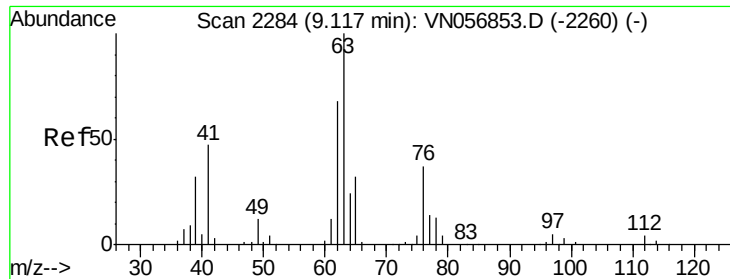
40000

20000

0

Time--> 8.75 8.80 8.85 8.90 8.95

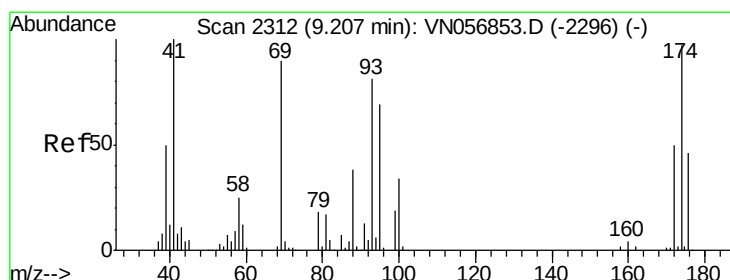
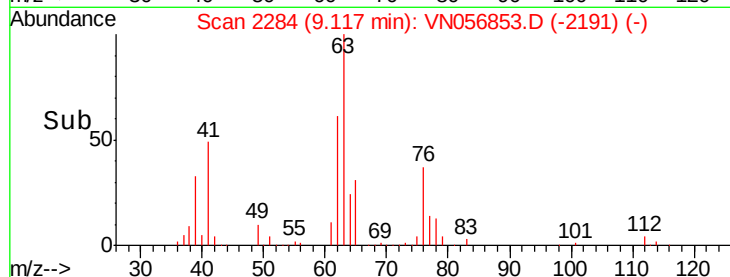
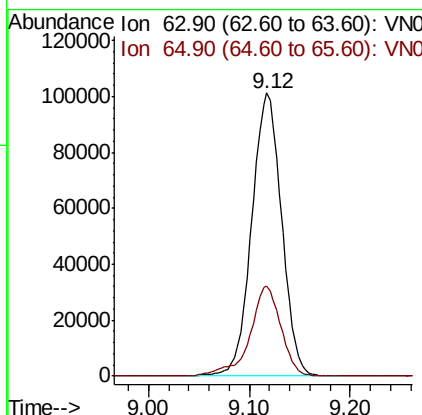
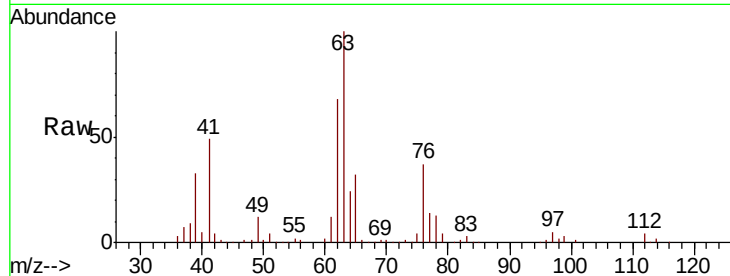




#45
 1,2-Dichloropropane
 Concen: 51.874 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056853.D
 Acq: 22 Jul 2019 13:10

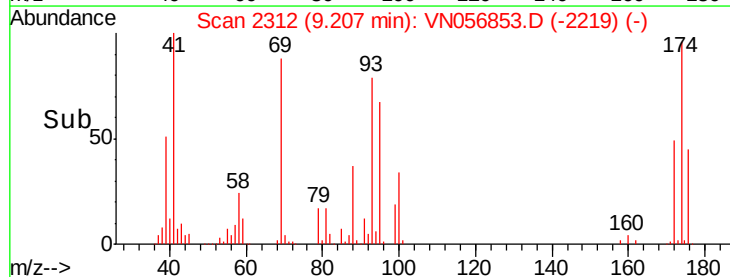
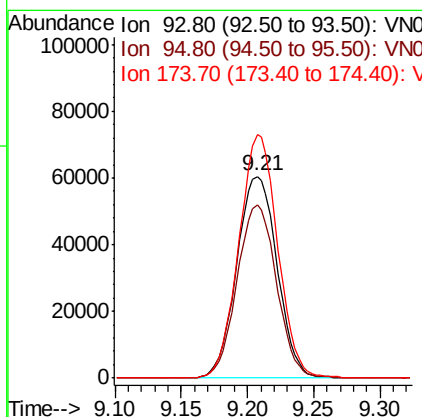
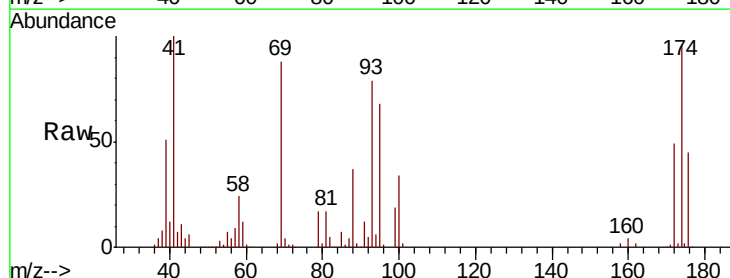
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

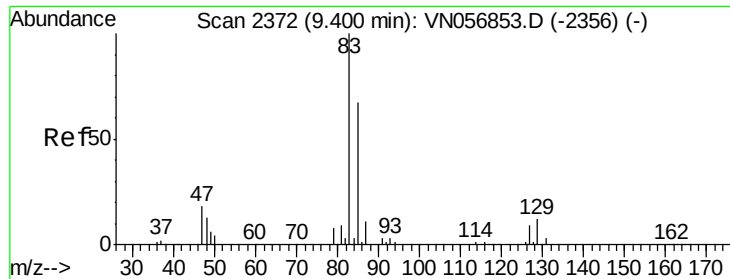
Tot Ion: 63 Resp: 207471
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.4 38.0



#46
 Dibromomethane
 Concen: 51.923 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056853.D
 Acq: 22 Jul 2019 13:10

Tgt Ion: 93 Resp: 128306
 Ion Ratio Lower Upper
 93 100
 95 84.2 67.4 101.0
 174 116.1 92.9 139.3





#47

Bromodichloromethane

Concen: 52.500 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

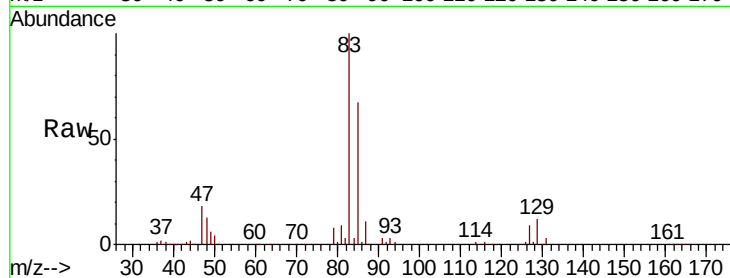
Tot Ion: 83 Resp: 247093

Ion Ratio Lower Upper

83 100

85 66.8 53.4 80.2

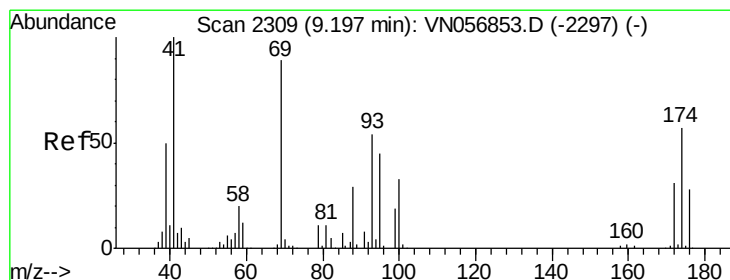
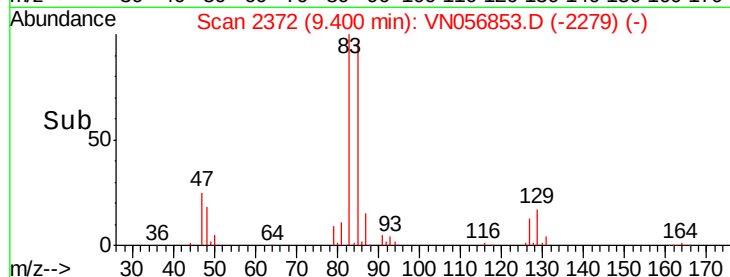
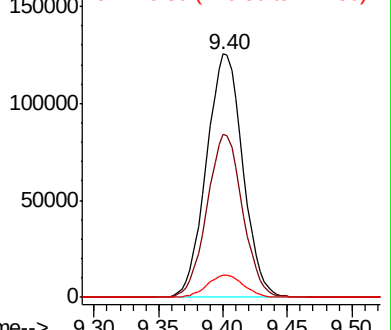
127 9.0 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 49.460 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

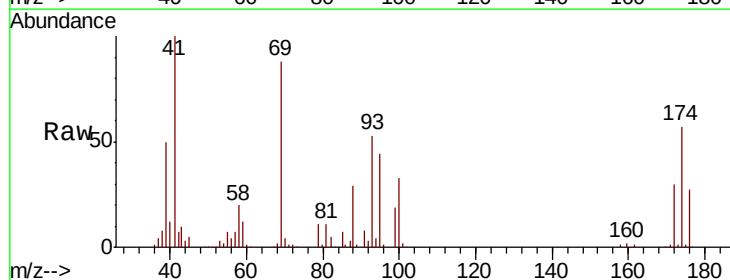
Tgt Ion: 41 Resp: 178688

Ion Ratio Lower Upper

41 100

69 88.9 71.1 106.7

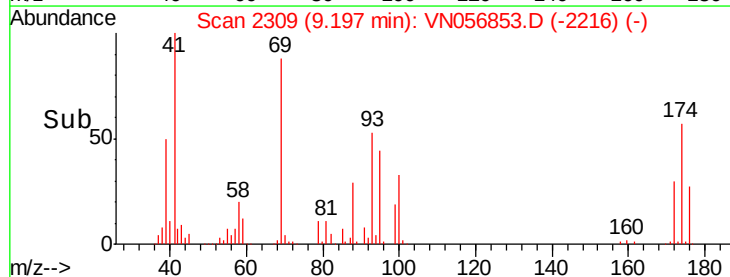
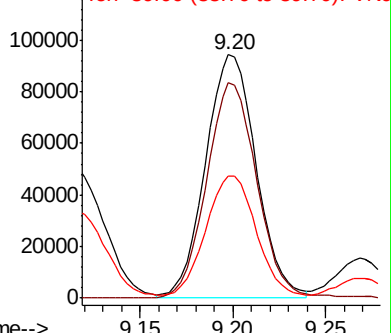
39 50.7 40.6 60.8

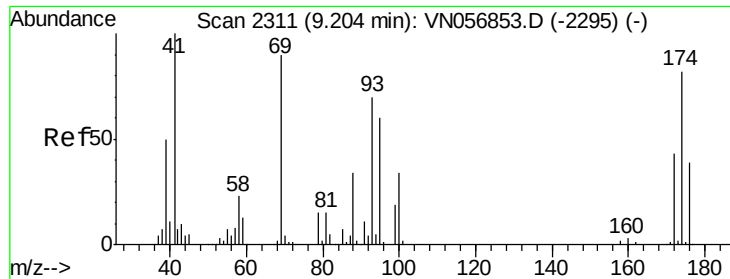


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

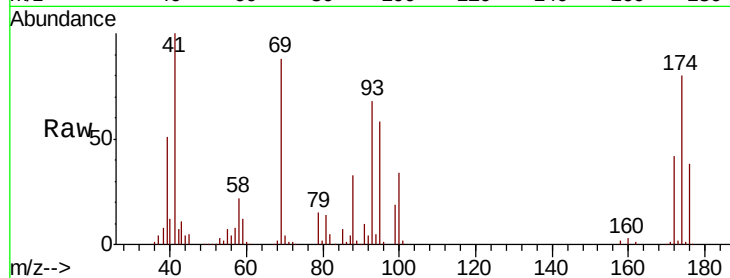




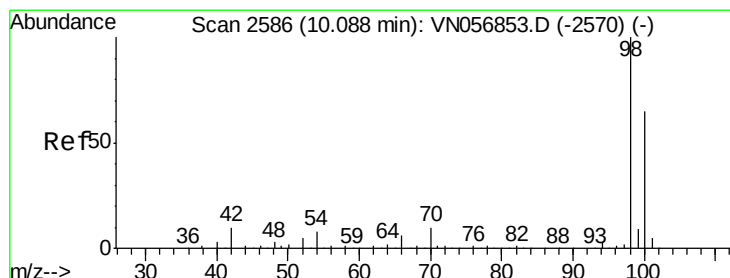
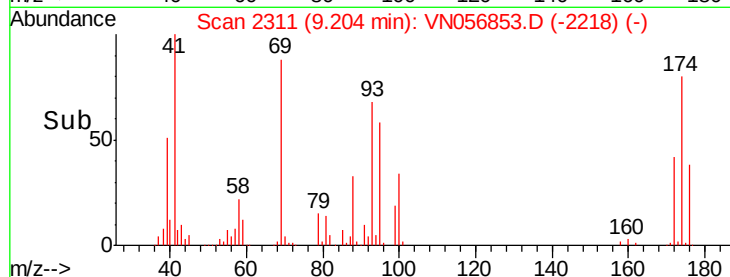
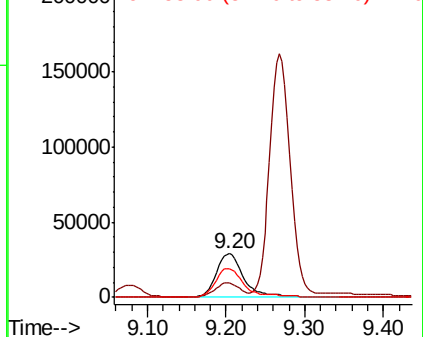
#49
1,4-Dioxane
Concen: 958.323 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN056853.D
Acq: 22 Jul 2019 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 88 Resp: 71540
Ion Ratio Lower Upper
88 100
43 26.8 21.4 32.2
58 69.6 55.7 83.5

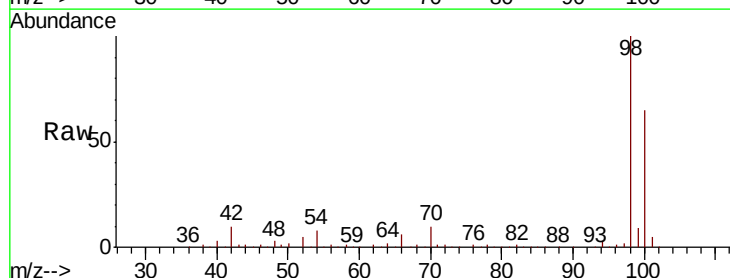


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

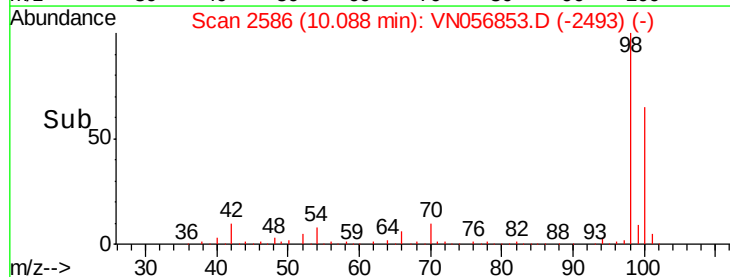
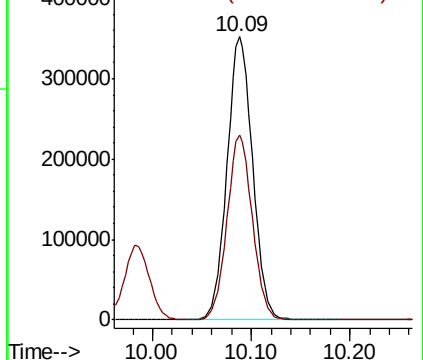


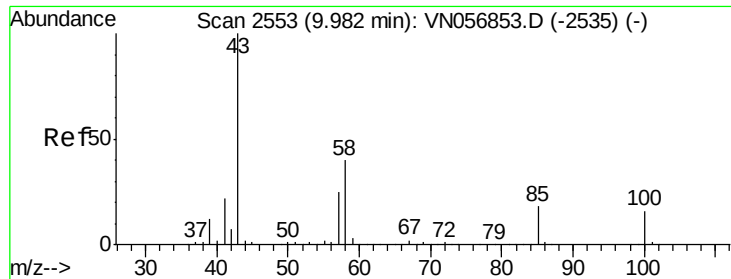
#50
Toluene-d8
Concen: 50.533 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056853.D
Acq: 22 Jul 2019 13:10

Tgt Ion: 98 Resp: 639065
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



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: 224.539 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

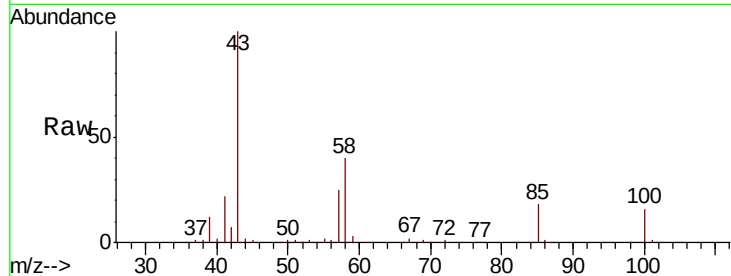
VSTDICCC050

Tot Ion: 43 Resp: 1071749

Ion Ratio Lower Upper

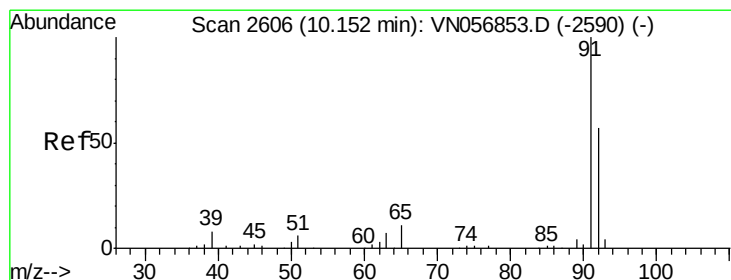
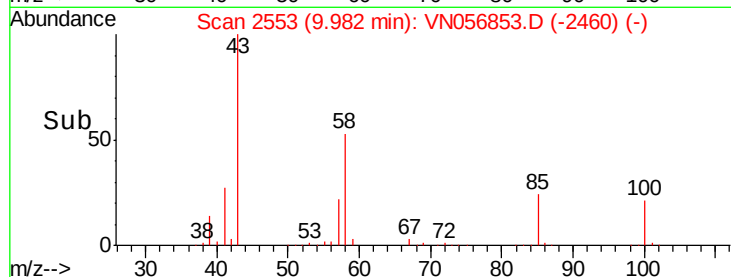
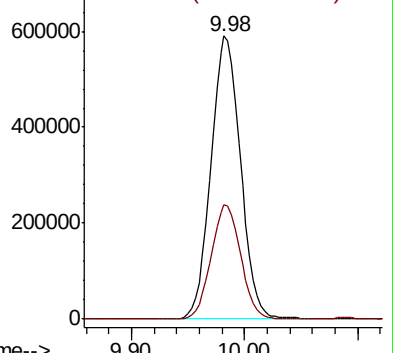
43 100

58 40.5 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 53.666 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN056853.D

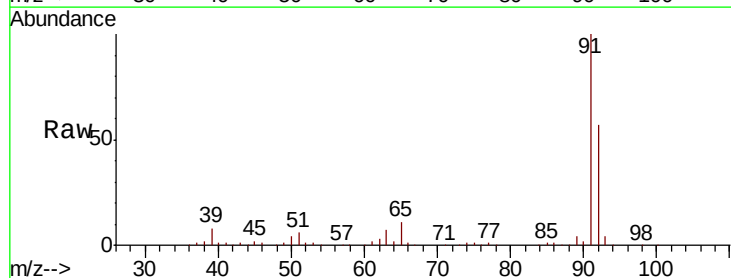
Acq: 22 Jul 2019 13:10

Tgt Ion: 92 Resp: 481525

Ion Ratio Lower Upper

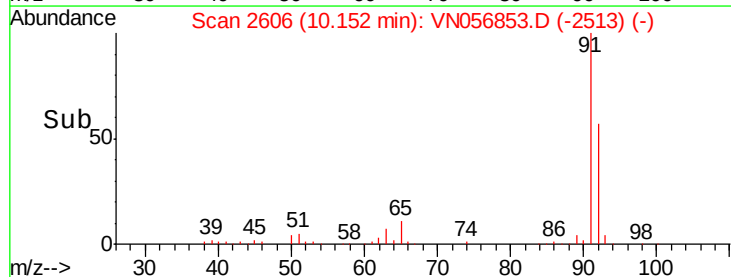
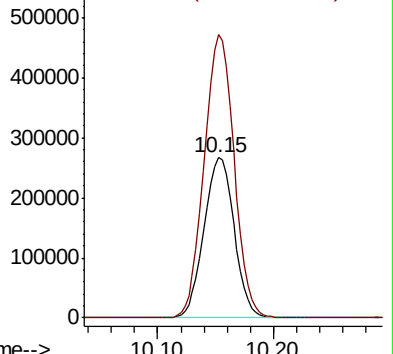
92 100

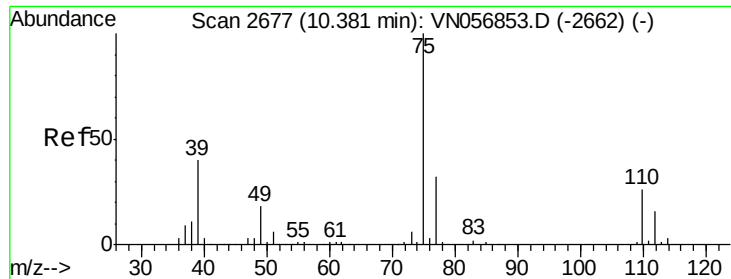
91 175.7 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 53.661 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

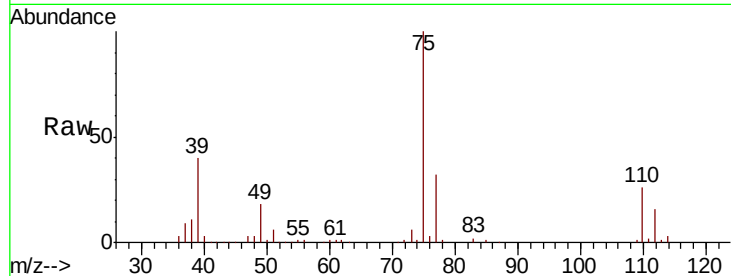
VSTDICCC050

Tot Ion: 75 Resp: 262646

Ion Ratio Lower Upper

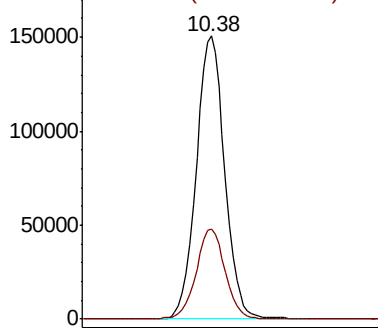
75 100

77 31.8 25.4 38.2

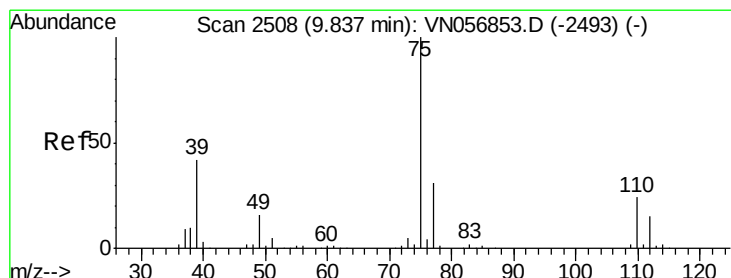
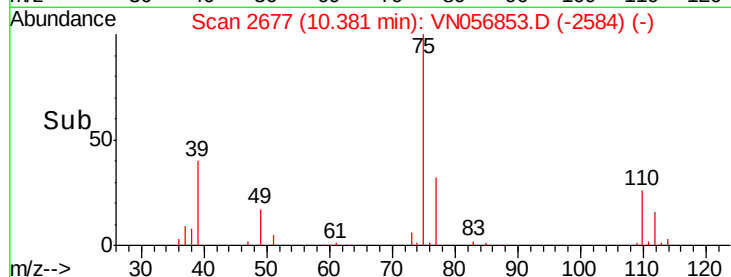


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 53.450 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

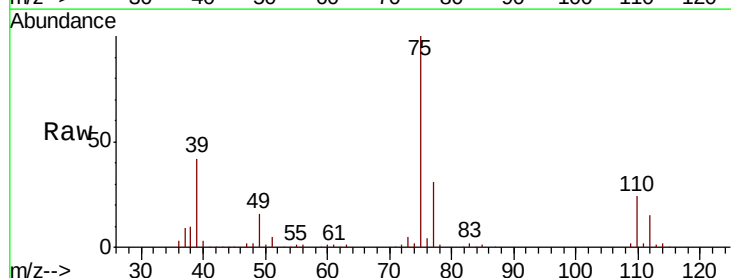
Tgt Ion: 75 Resp: 304406

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

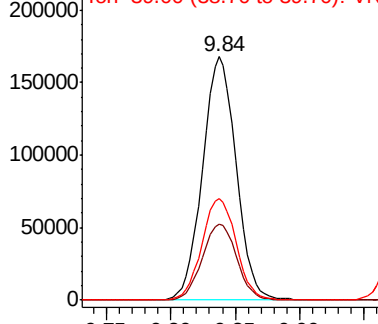
39 41.8 33.4 50.2



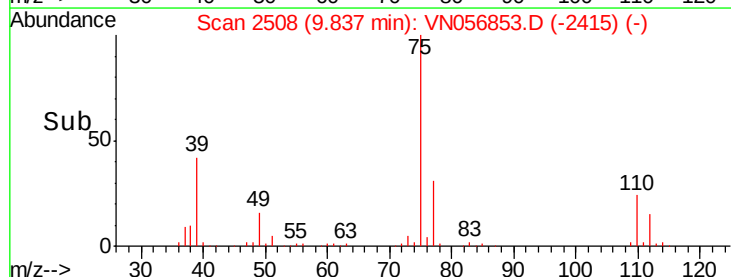
Abundance Ion 74.90 (74.60 to 75.60): VN0

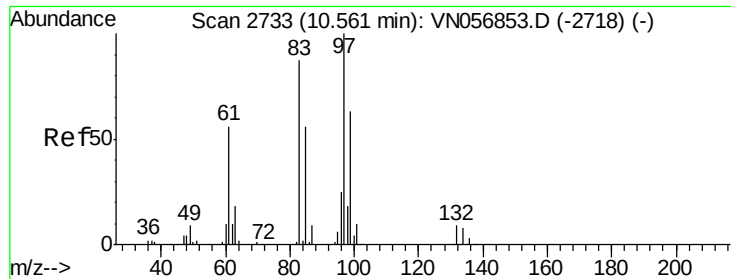
Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



Time-->

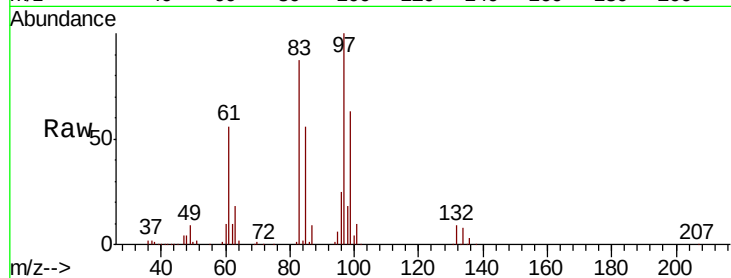




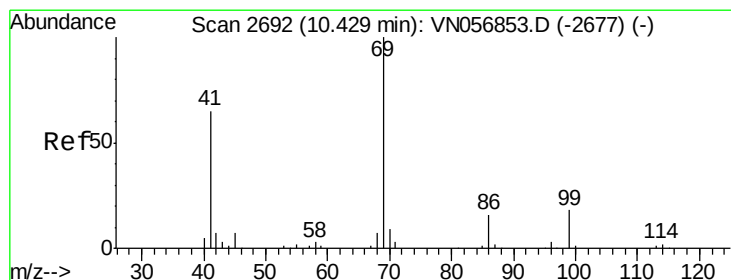
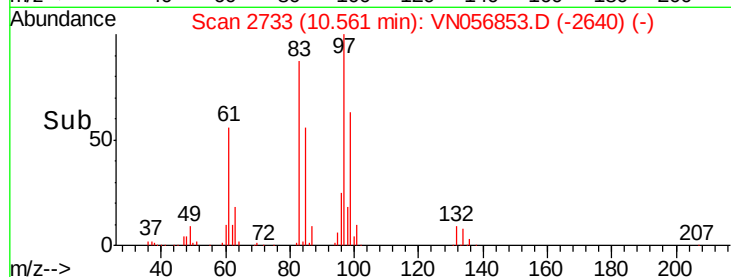
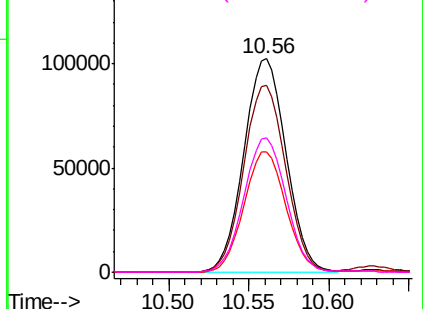
#55
 1,1,2-Trichloroethane
 Concen: 49.638 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056853.D
 Acq: 22 Jul 2019 13:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 97 Resp: 185129
 Ion Ratio Lower Upper
 97 100
 83 87.5 70.0 105.0
 85 56.4 45.1 67.7
 99 62.8 50.2 75.4

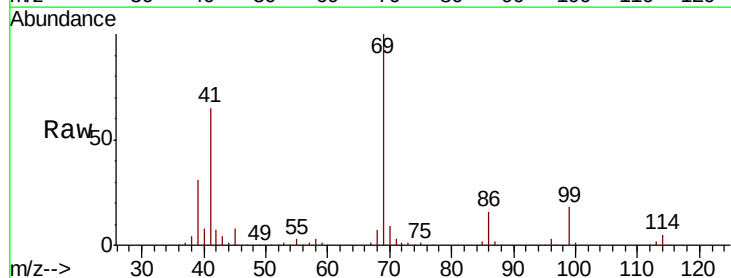


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

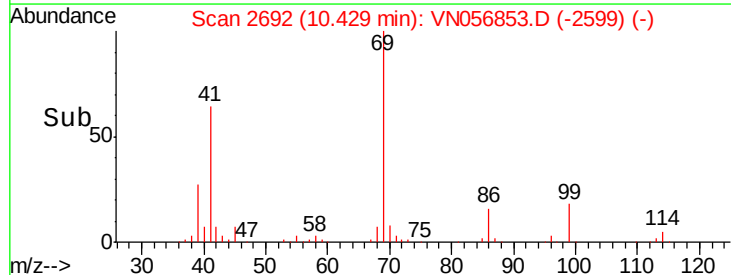
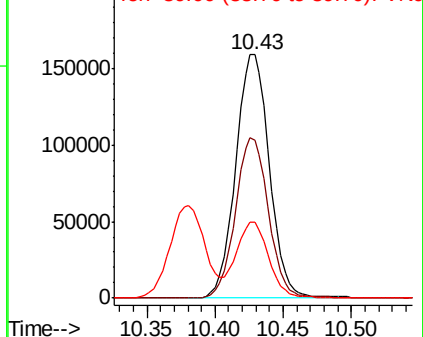


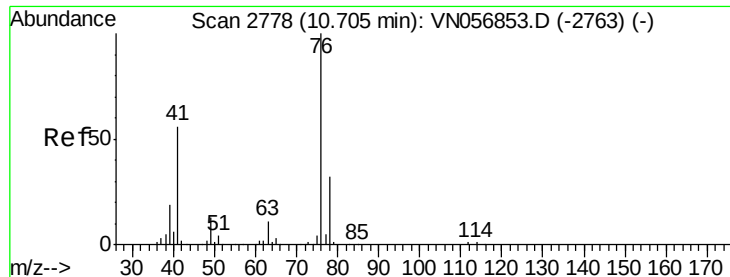
#56
 Ethyl methacrylate
 Concen: 51.408 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056853.D
 Acq: 22 Jul 2019 13:10

Tgt Ion: 69 Resp: 272712
 Ion Ratio Lower Upper
 69 100
 41 63.8 51.0 76.6
 39 30.6 24.5 36.7



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 51.053 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

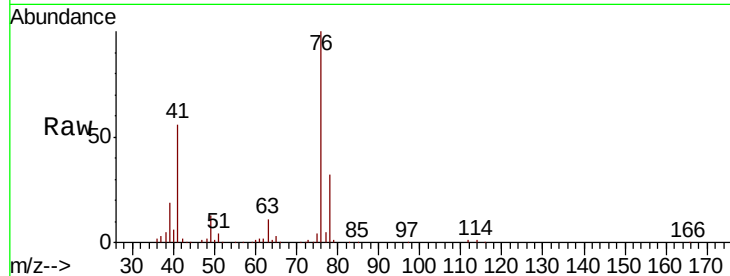
VSTDICCC050

Tot Ion: 76 Resp: 311365

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN056853.D (-2763) (-)

Ion 77.90 (77.60 to 78.60): VN056853.D (-2763) (-)

10.71

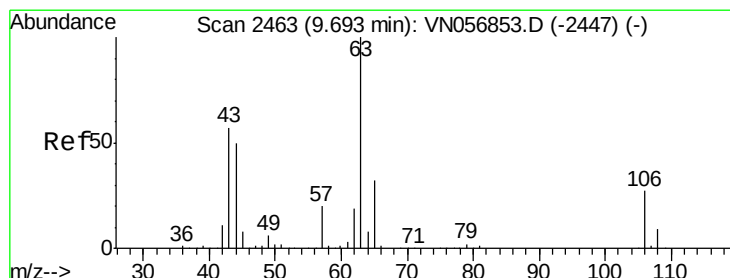
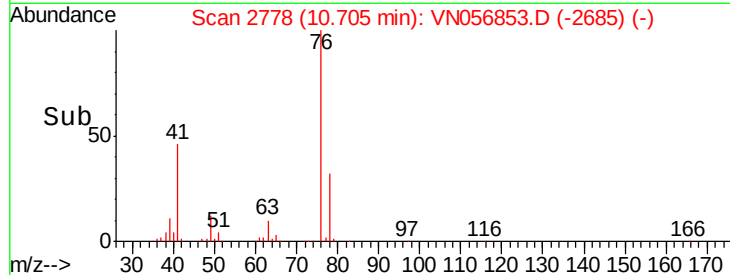
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 233.727 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN056853.D

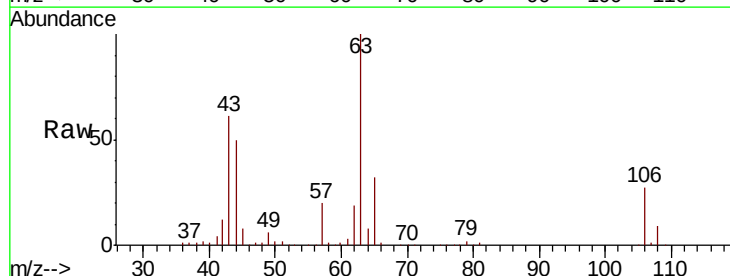
Acq: 22 Jul 2019 13:10

Tgt Ion: 63 Resp: 583891

Ion Ratio Lower Upper

63 100

106 27.3 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VN056853.D (-2447) (-)

Ion 105.90 (105.60 to 106.60): VN056853.D (-2447) (-)

9.69

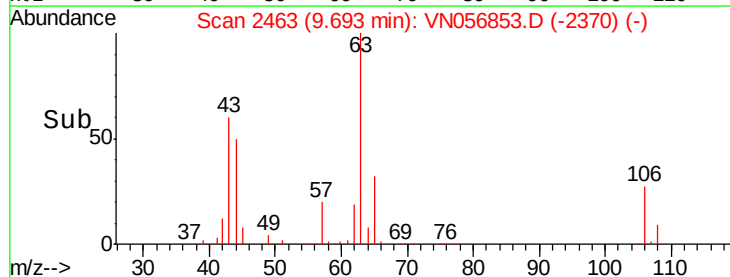
300000

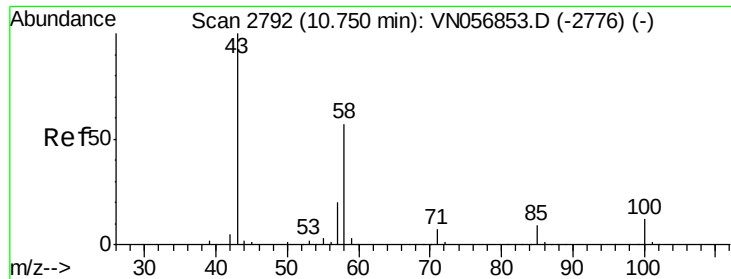
200000

100000

0

Time-->

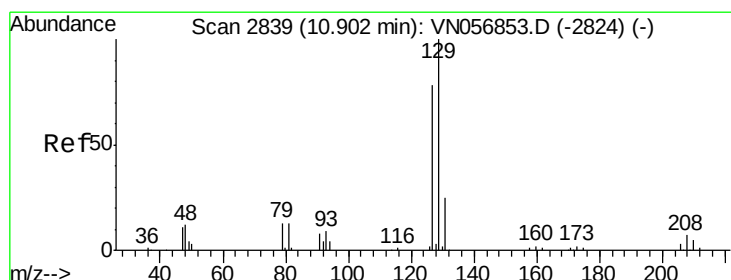
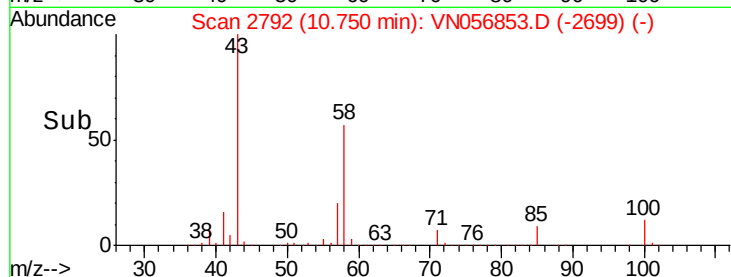
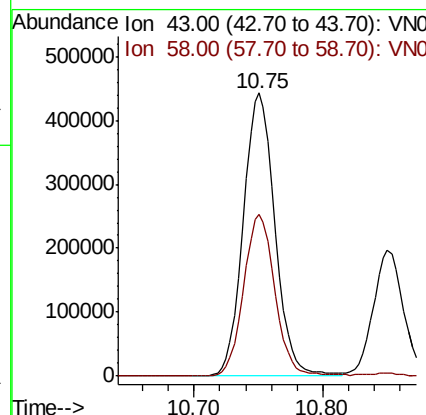
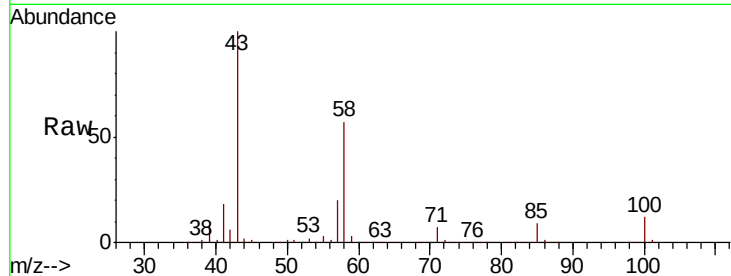




#59
2-Hexanone
Concen: 221.907 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056853.D
Acq: 22 Jul 2019 13:10

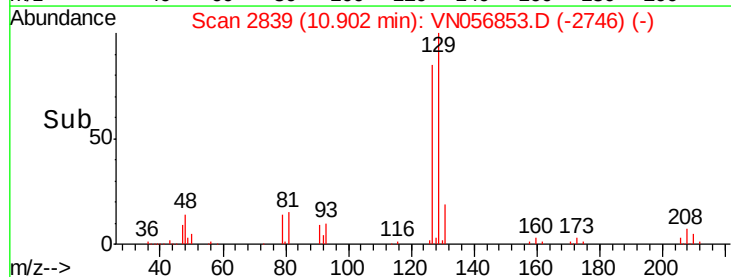
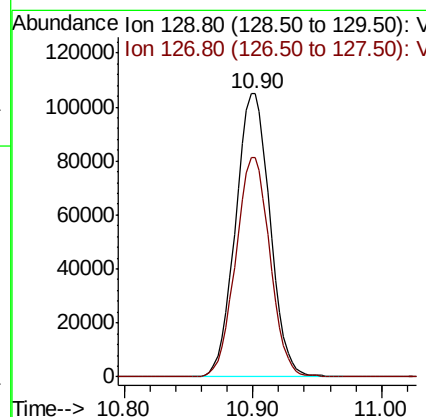
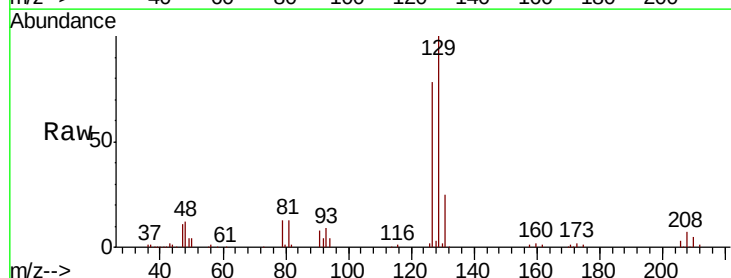
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

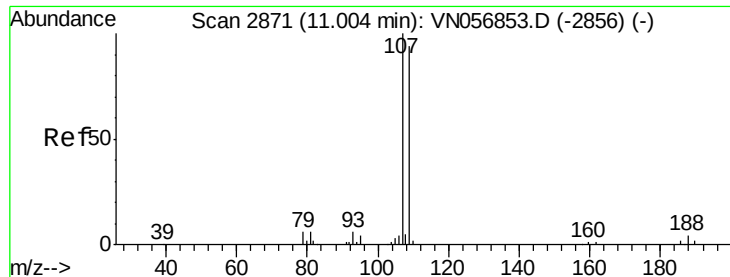
Tot Ion: 43 Resp: 752615
Ion Ratio Lower Upper
43 100
58 56.7 28.3 85.0



#60
Dibromochloromethane
Concen: 53.021 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056853.D
Acq: 22 Jul 2019 13:10

Tgt Ion: 129 Resp: 194734
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 52.200 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

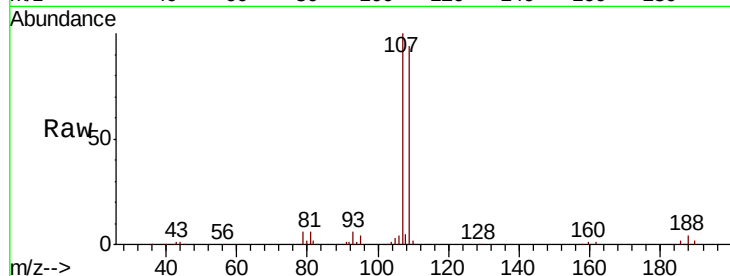
VSTDICCC050

Tot Ion: 107 Resp: 193657

Ion Ratio Lower Upper

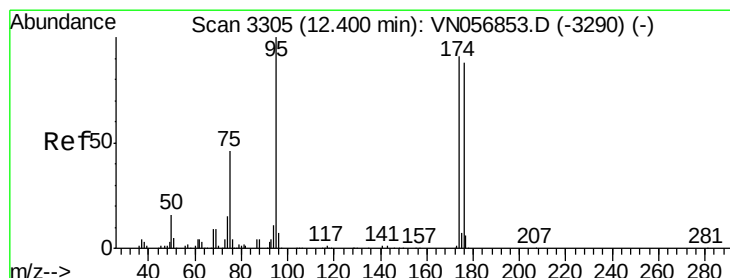
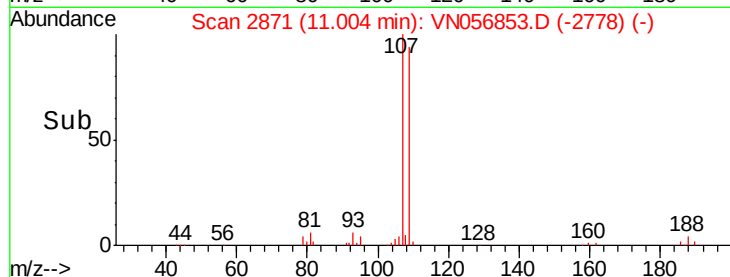
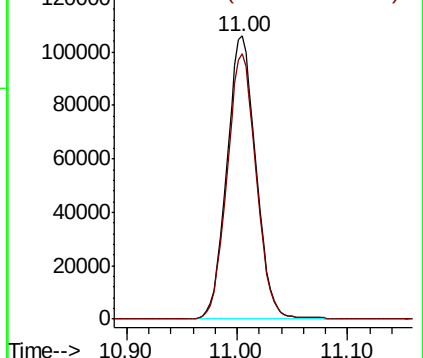
107 100

109 94.1 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.411 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

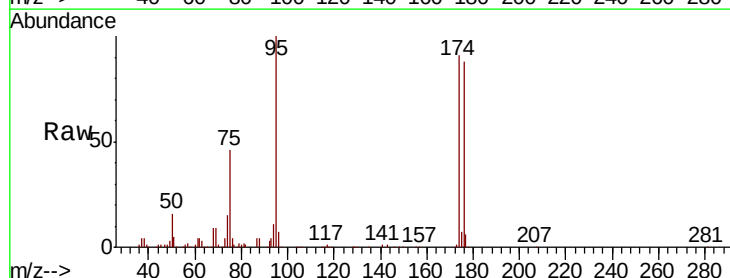
Tgt Ion: 95 Resp: 213926

Ion Ratio Lower Upper

95 100

174 91.7 0.0 183.4

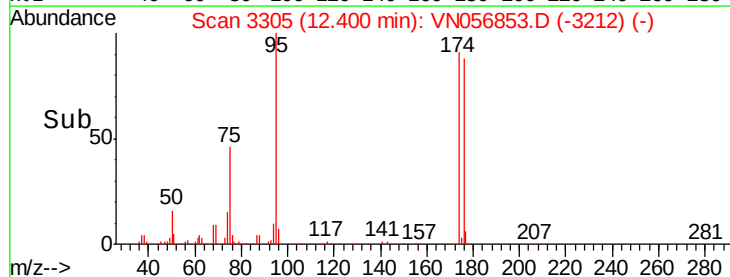
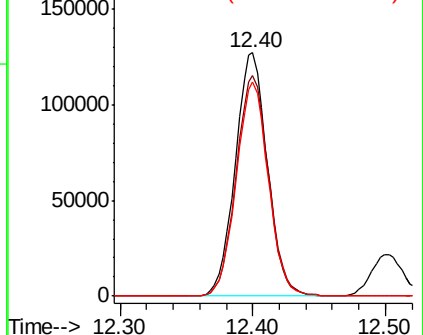
176 87.9 0.0 175.8

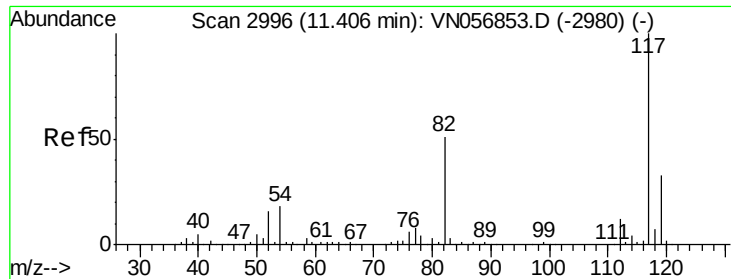


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

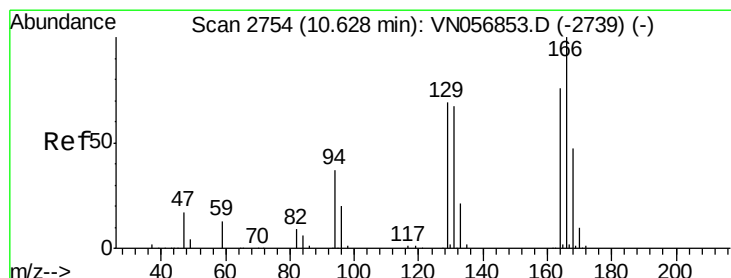
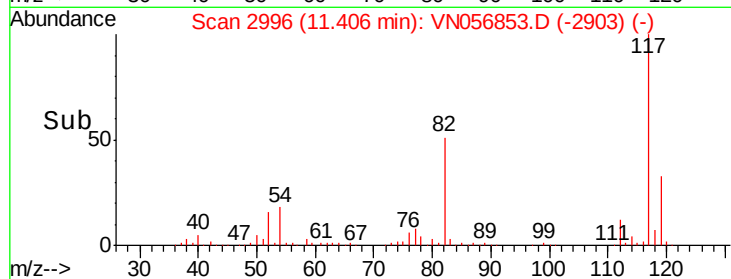
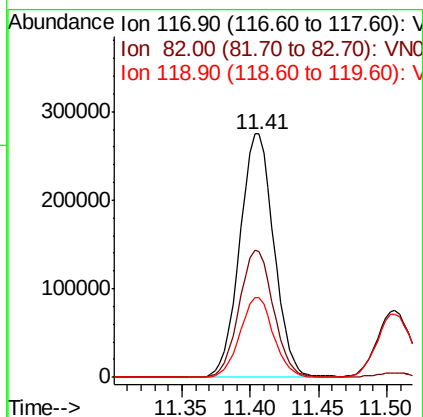
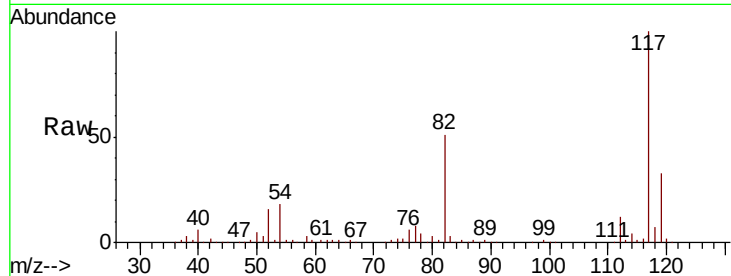




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056853.D
Acq: 22 Jul 2019 13:10

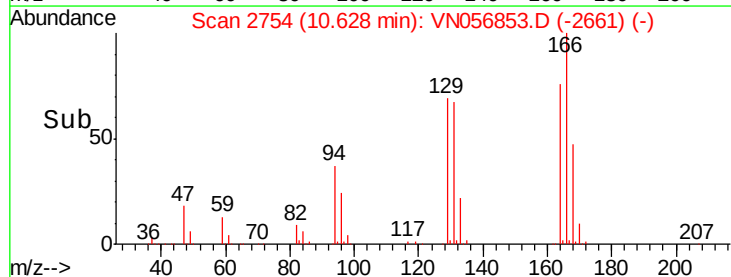
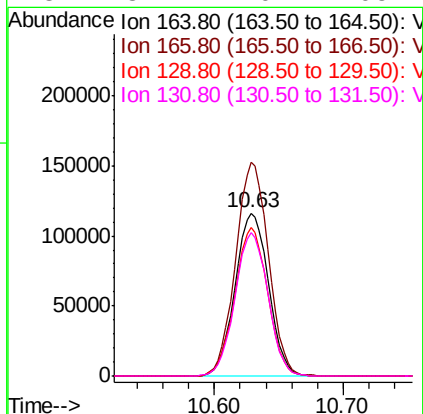
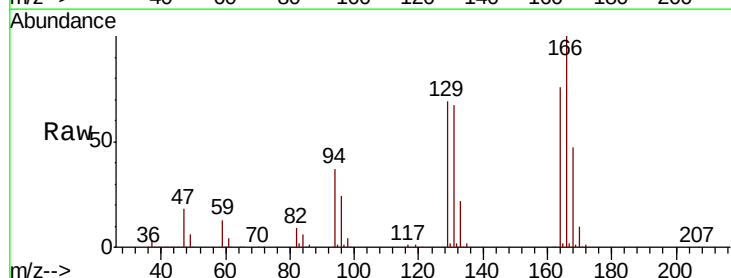
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

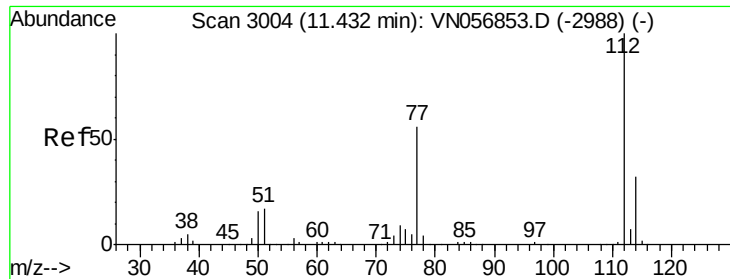
Tot Ion:117 Resp: 479037
Ion Ratio Lower Upper
117 100
82 51.5 41.2 61.8
119 33.0 26.4 39.6



#64
Tetrachloroethene
Concen: 49.986 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN056853.D
Acq: 22 Jul 2019 13:10

Tgt Ion:164 Resp: 209606
Ion Ratio Lower Upper
164 100
166 131.1 104.9 157.3
129 91.0 72.8 109.2
131 87.7 70.2 105.2

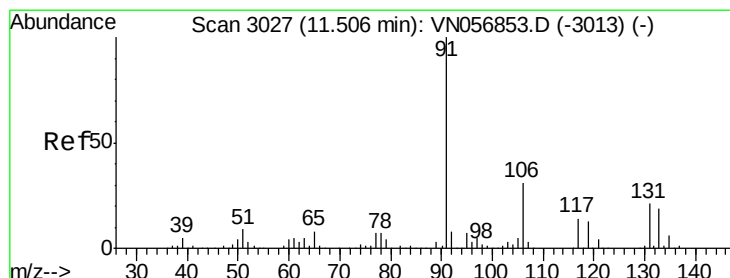
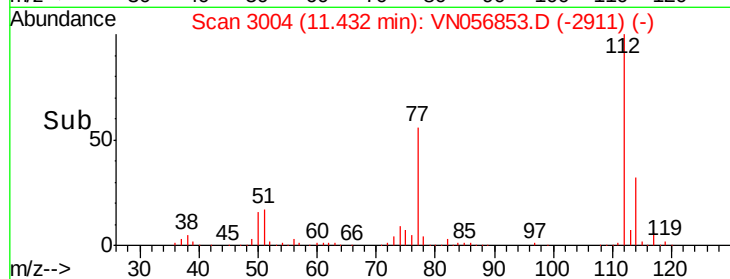
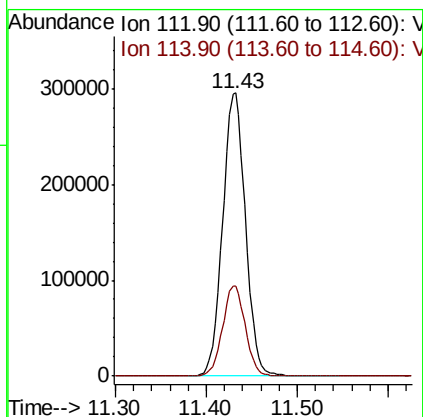
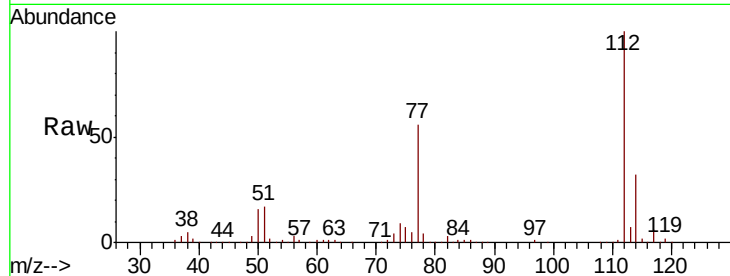




#65
Chlorobenzene
Concen: 51.850 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056853.D
Acq: 22 Jul 2019 13:10

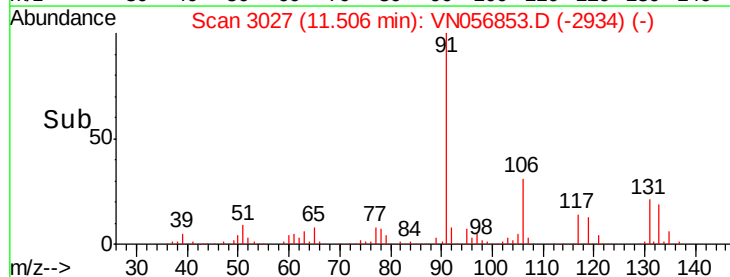
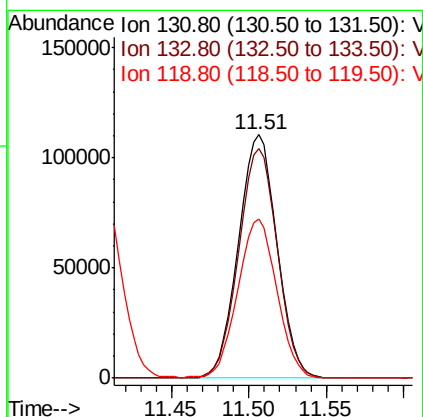
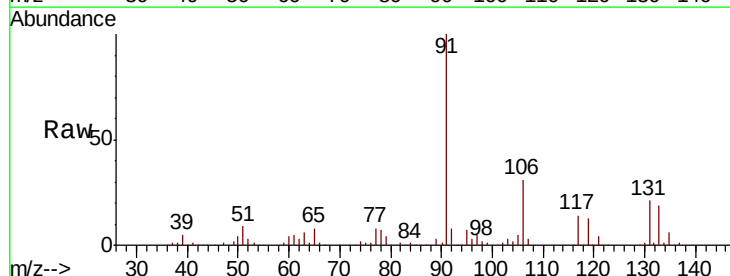
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

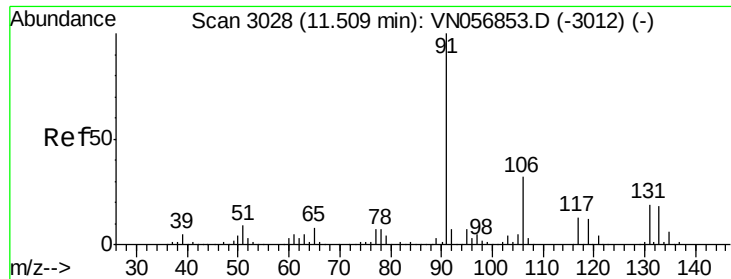
Tot Ion:112 Resp: 514568
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.406 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056853.D
Acq: 22 Jul 2019 13:10

Tgt Ion:131 Resp: 191361
Ion Ratio Lower Upper
131 100
133 94.9 47.4 142.3
119 66.3 33.1 99.5

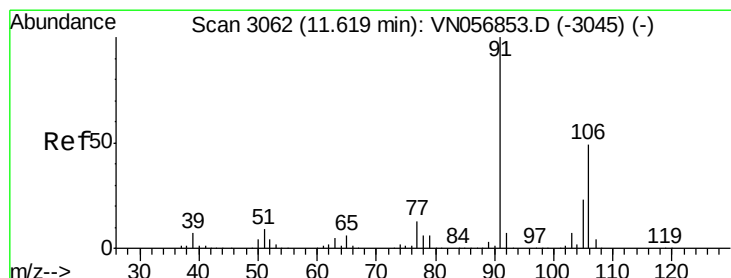
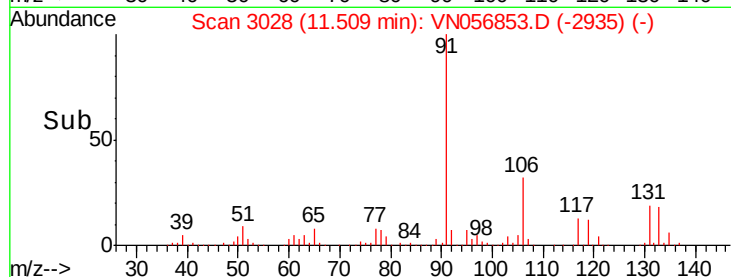
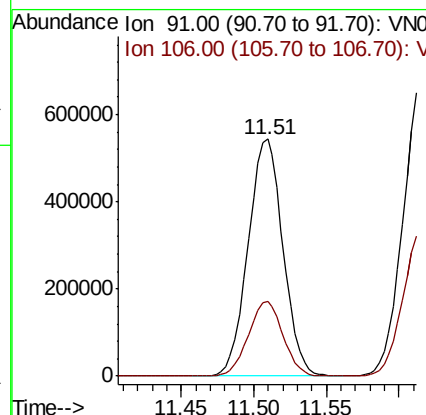
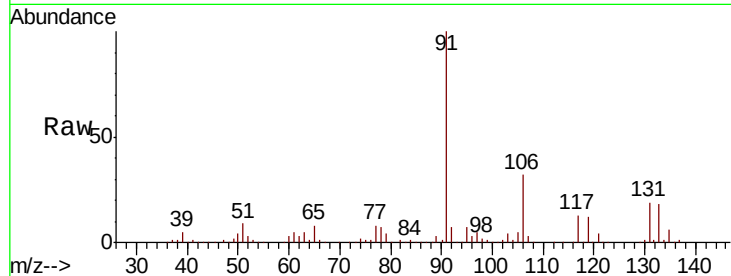




#67
Ethyl Benzene
Concen: 52.246 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056853.D
Acq: 22 Jul 2019 13:10

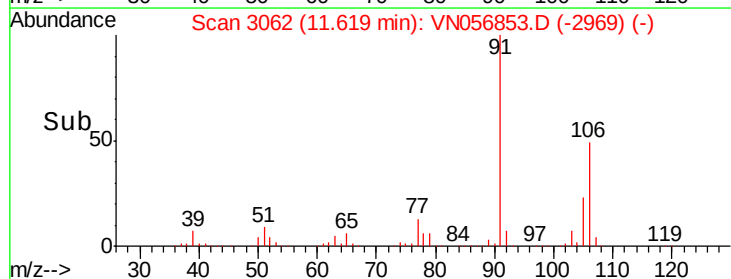
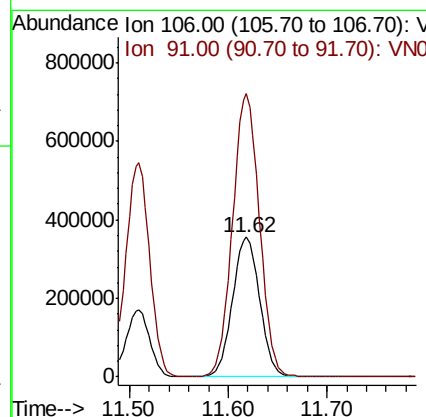
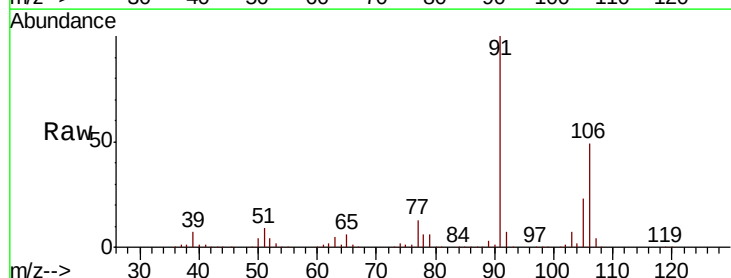
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

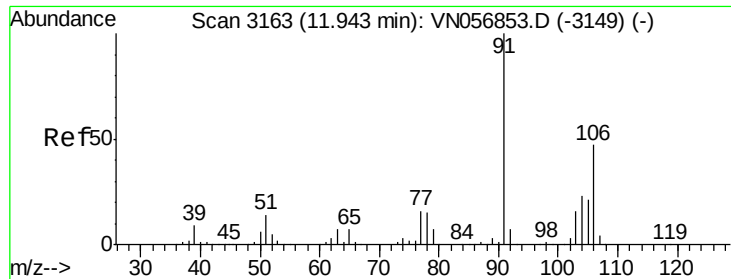
Tot Ion: 91 Resp: 909840
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9



#68
m/p-Xylenes
Concen: 105.402 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056853.D
Acq: 22 Jul 2019 13:10

Tgt Ion: 106 Resp: 685652
Ion Ratio Lower Upper
106 100
91 200.6 160.5 240.7

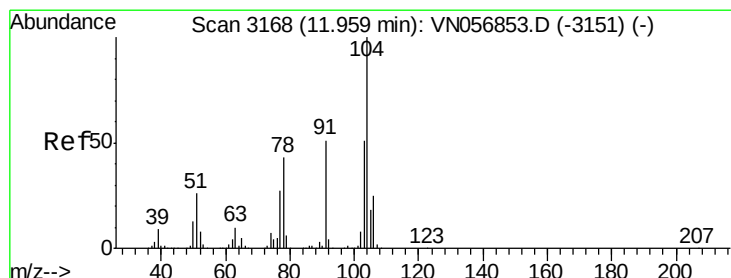
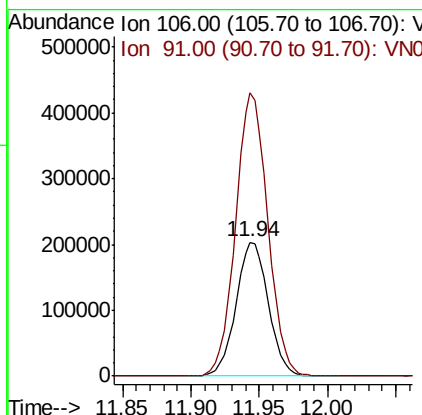
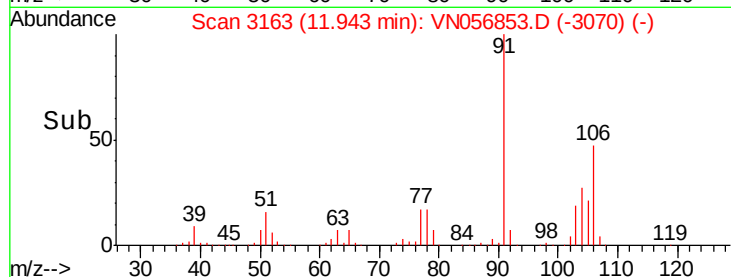
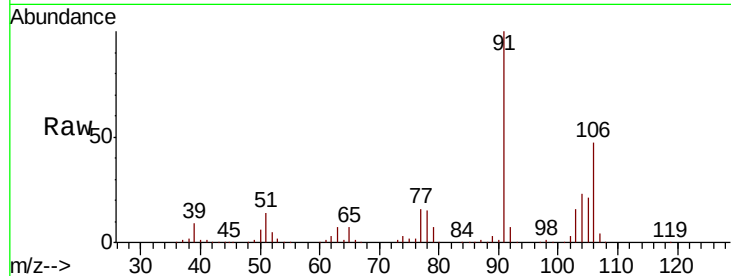




#69
o-Xylene
Concen: 52.284 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN056853.D
Acq: 22 Jul 2019 13:10

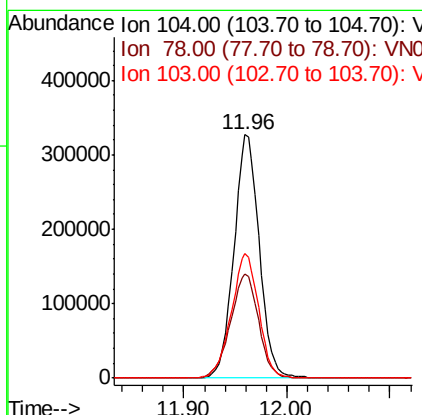
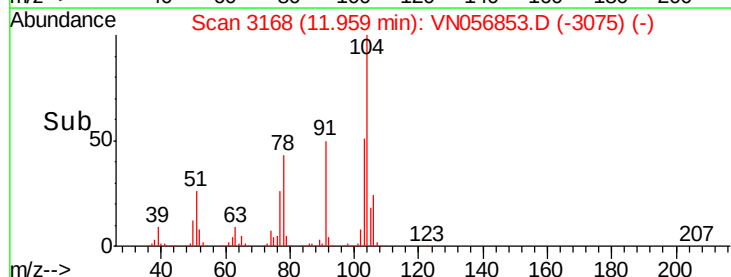
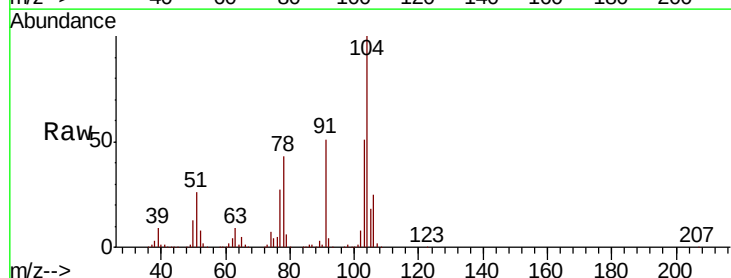
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

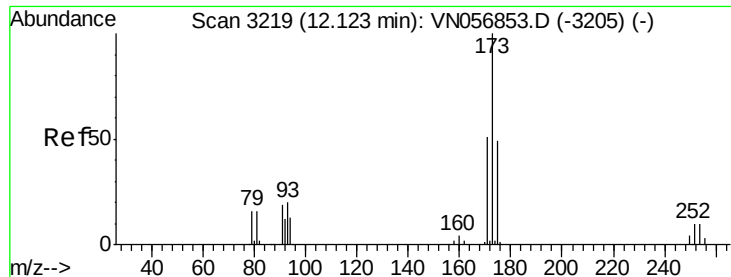
Tot Ion:106 Resp: 334469
Ion Ratio Lower Upper
106 100
91 210.2 105.1 315.3



#70
Styrene
Concen: 54.210 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN056853.D
Acq: 22 Jul 2019 13:10

Tgt Ion:104 Resp: 560044
Ion Ratio Lower Upper
104 100
78 47.6 38.1 57.1
103 55.3 44.2 66.4





#71

Bromoform

Concen: 51.500 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

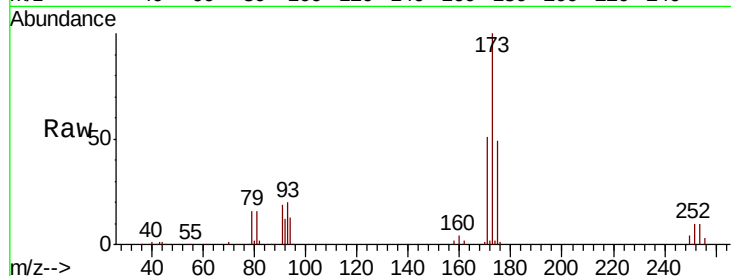
Tot Ion:173 Resp: 140869

Ion Ratio Lower Upper

173 100

175 48.2 24.1 72.3

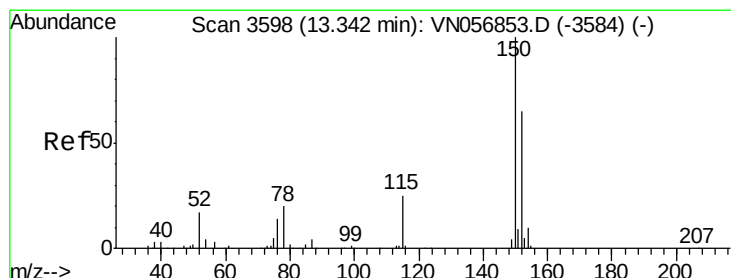
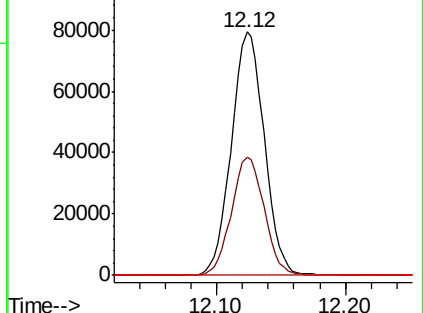
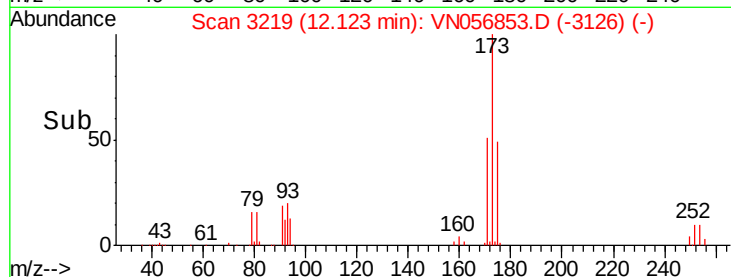
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

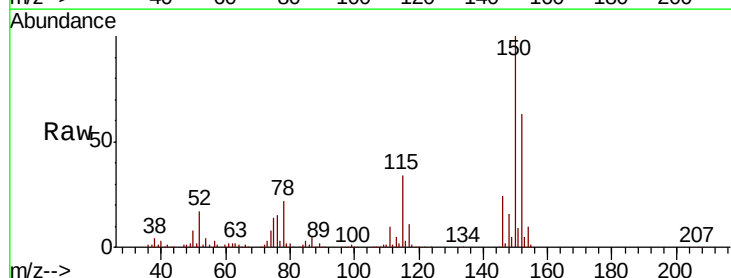
Tgt Ion:152 Resp: 213438

Ion Ratio Lower Upper

152 100

115 55.1 27.6 82.7

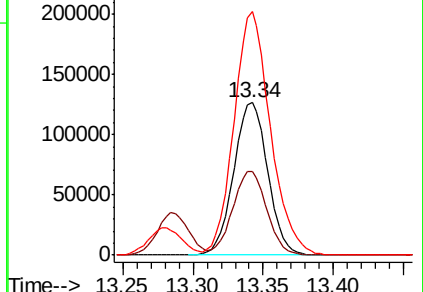
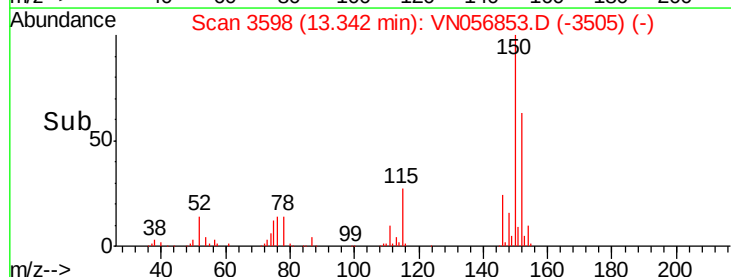
150 171.5 0.0 343.0

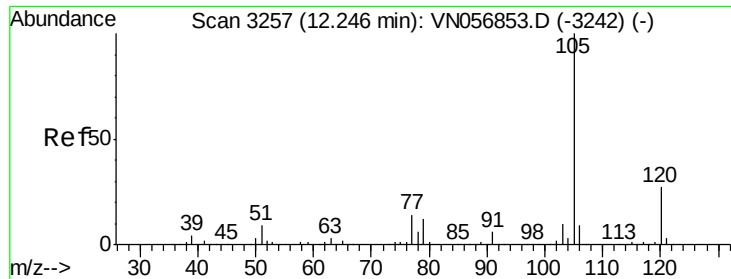


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.561 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

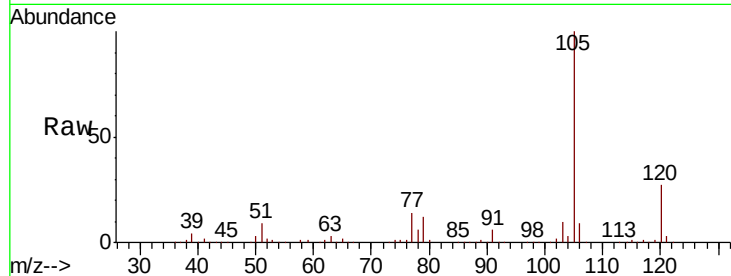
VSTDICCC050

Tot Ion:105 Resp: 885448

Ion Ratio Lower Upper

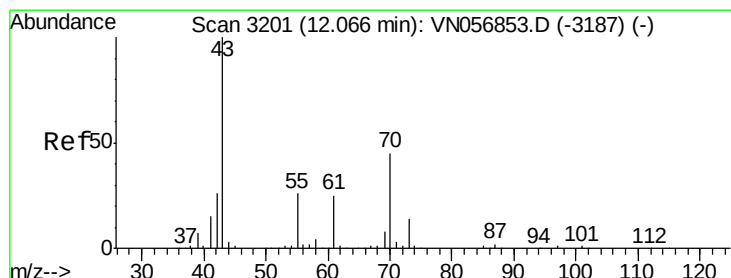
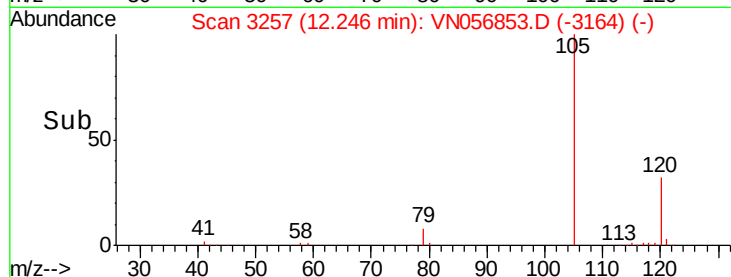
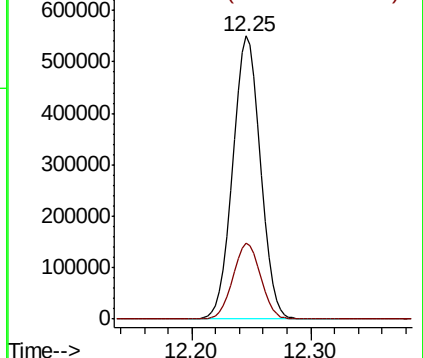
105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.592 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

Tgt Ion: 43 Resp: 303546

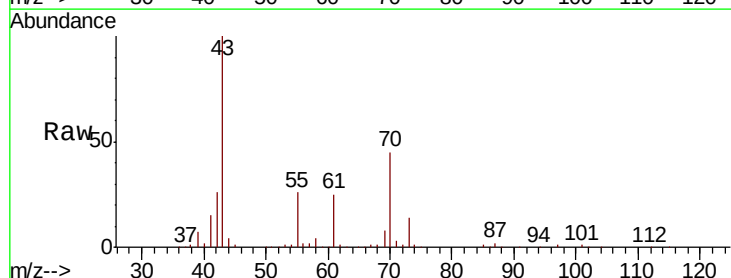
Ion Ratio Lower Upper

43 100

70 44.1 35.3 52.9

55 25.8 20.6 31.0

61 25.2 20.2 30.2

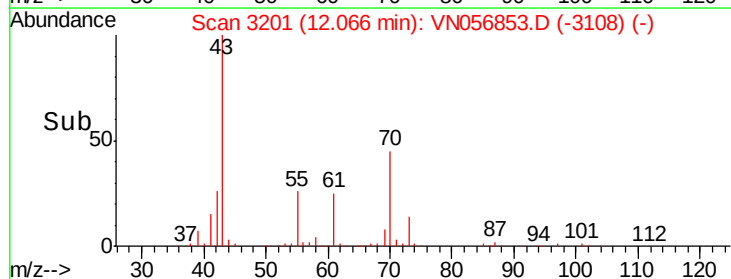
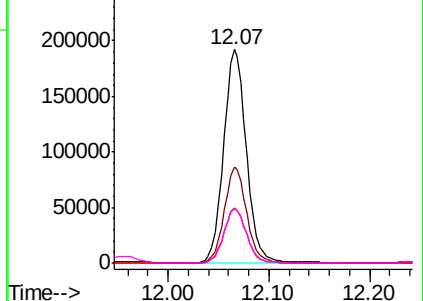


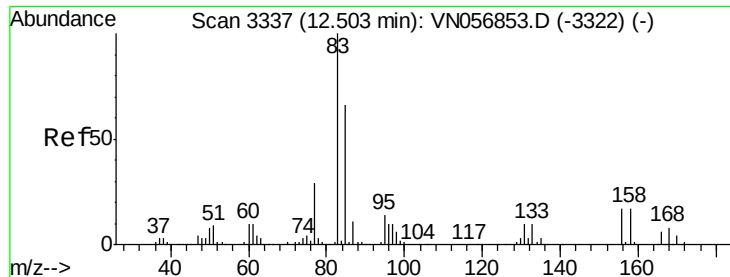
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 43.144 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

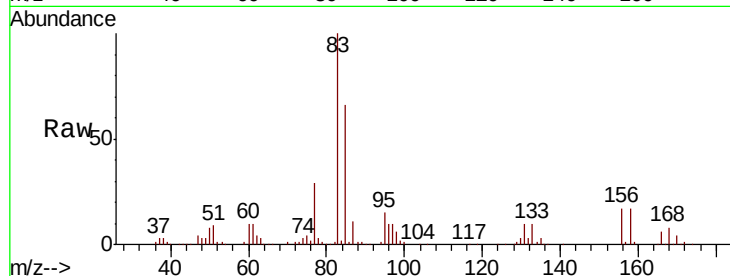
Tot Ion: 83 Resp: 249263

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

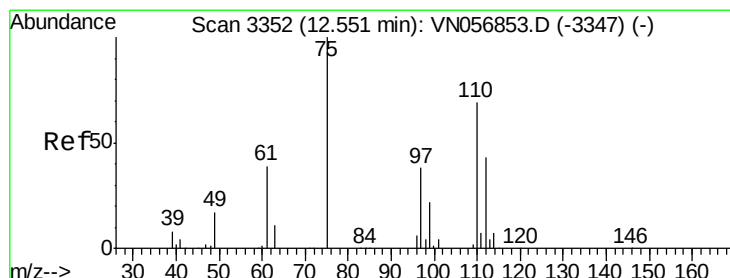
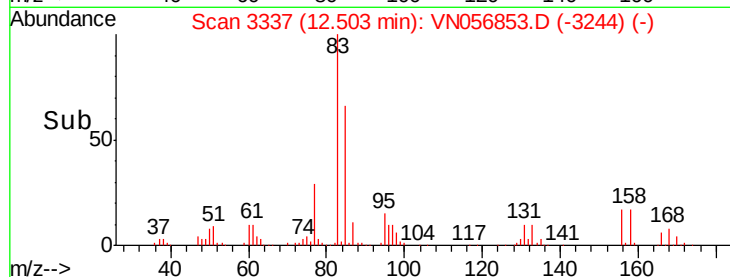
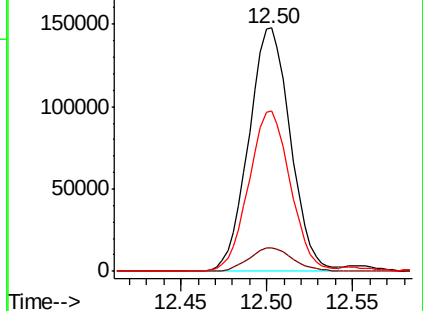
85 65.5 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VN056853.D (-3337) (-)

Ion 130.80 (130.50 to 131.50): VN056853.D (-3337) (-)

Ion 84.90 (84.60 to 85.60): VN056853.D (-3337) (-)



#76

1,2,3-Trichloropropane

Concen: 65.593 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VN056853.D

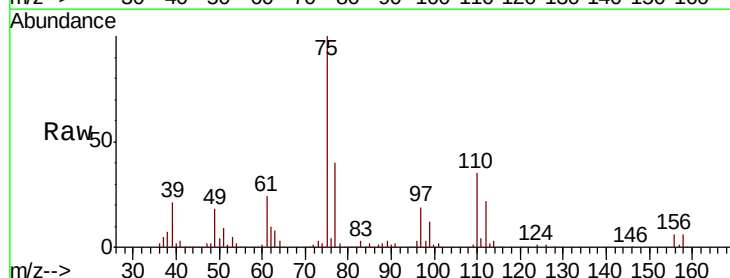
Acq: 22 Jul 2019 13:10

Tgt Ion: 75 Resp: 304287

Ion Ratio Lower Upper

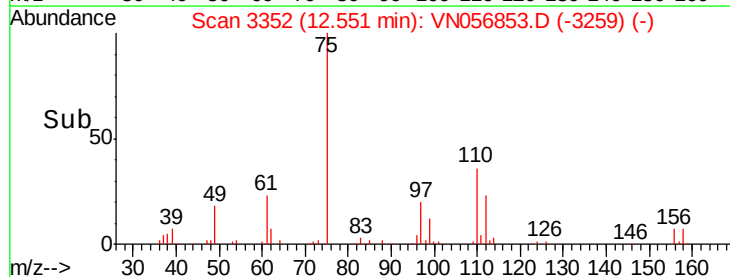
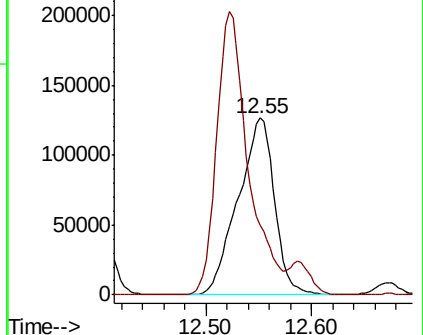
75 100

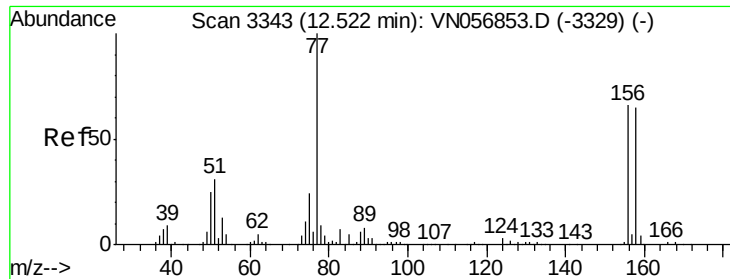
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN056853.D (-3352) (-)

Ion 77.00 (76.70 to 77.70): VN056853.D (-3352) (-)





#77

Bromobenzene

Concen: 50.591 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

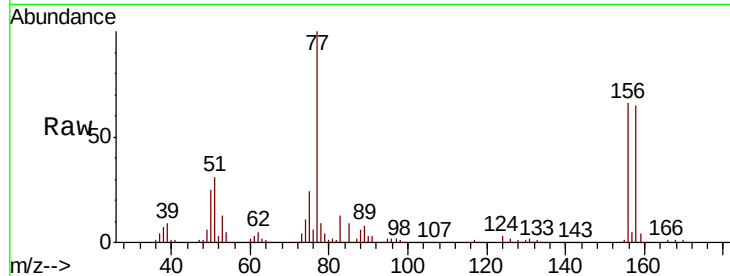
Tot Ion:156 Resp: 231558

Ion Ratio Lower Upper

156 100

77 181.4 90.7 272.1

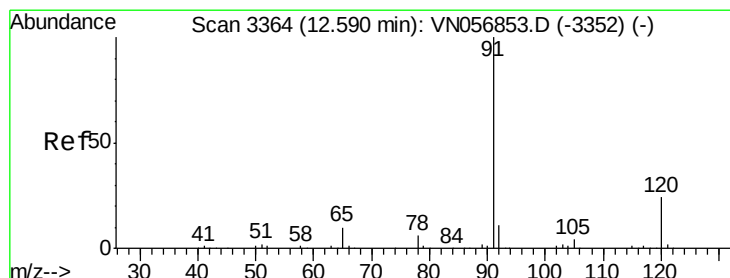
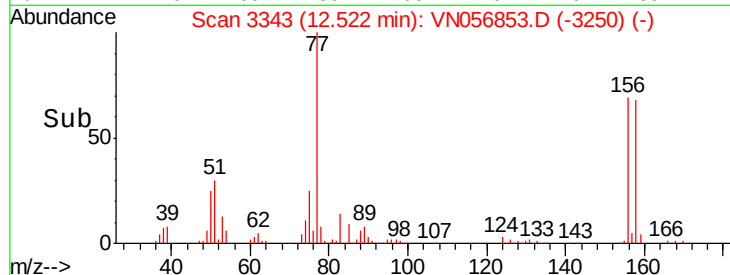
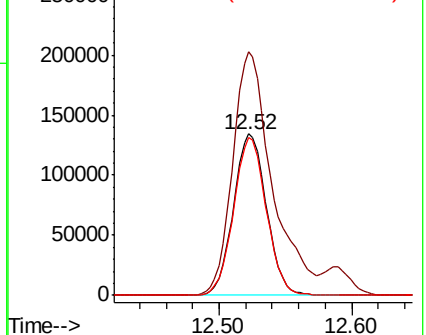
158 97.0 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.362 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056853.D

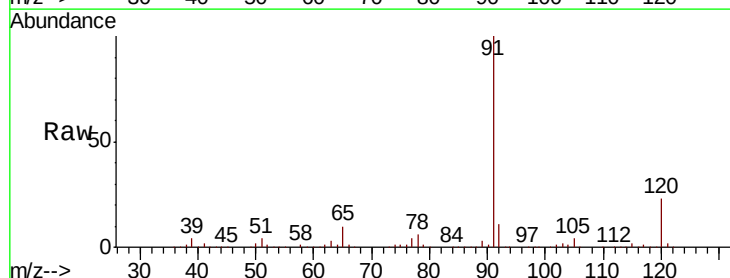
Acq: 22 Jul 2019 13:10

Tgt Ion: 91 Resp: 974219

Ion Ratio Lower Upper

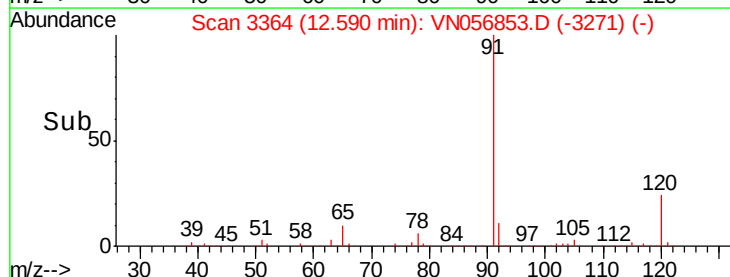
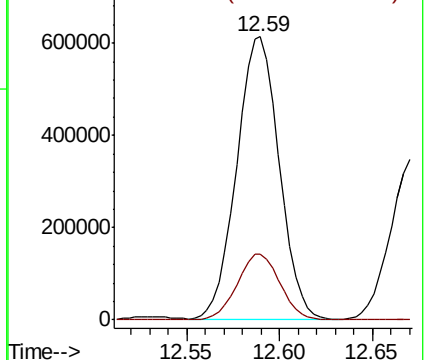
91 100

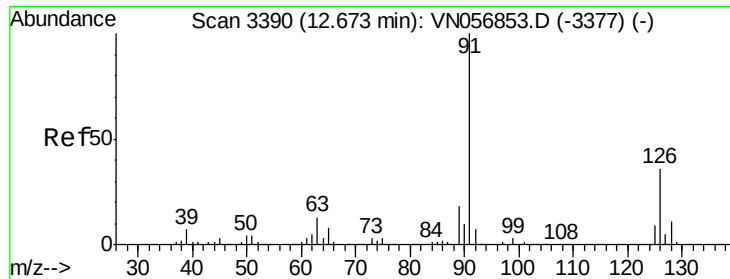
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.457 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

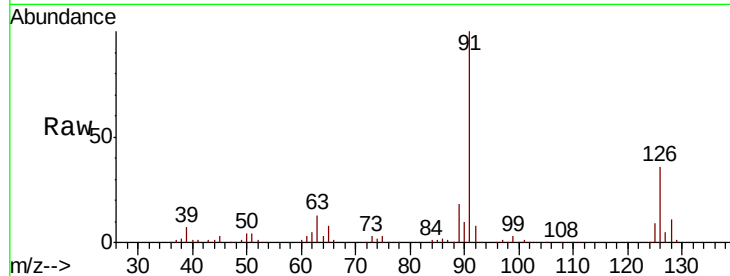
VSTDICCC050

Tot Ion: 91 Resp: 580049

Ion Ratio Lower Upper

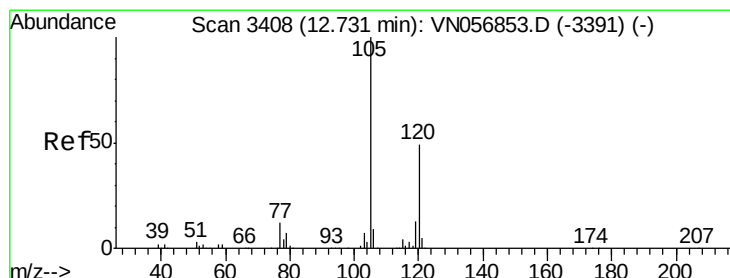
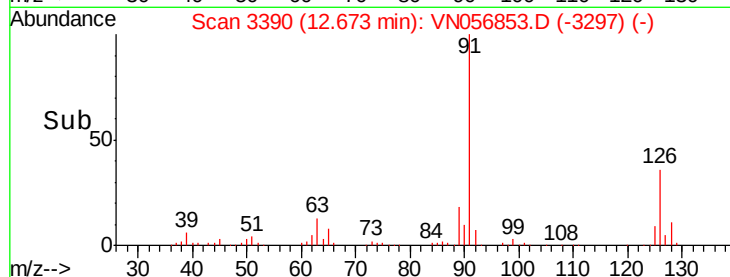
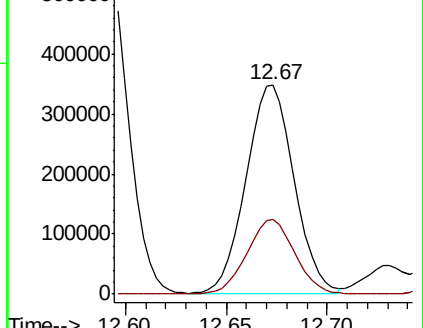
91 100

126 35.7 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): VN056853.D (-3377) (-)

Ion 125.90 (125.60 to 126.60): VN056853.D (-3377) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.187 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056853.D

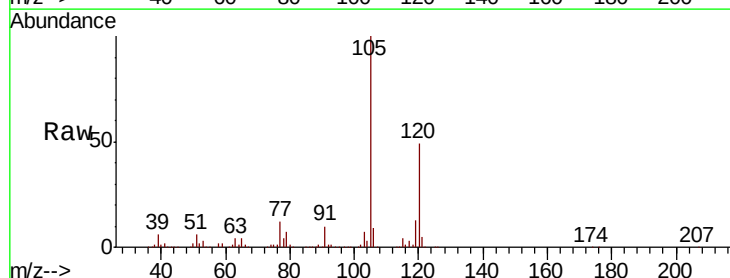
Acq: 22 Jul 2019 13:10

Tgt Ion: 105 Resp: 742965

Ion Ratio Lower Upper

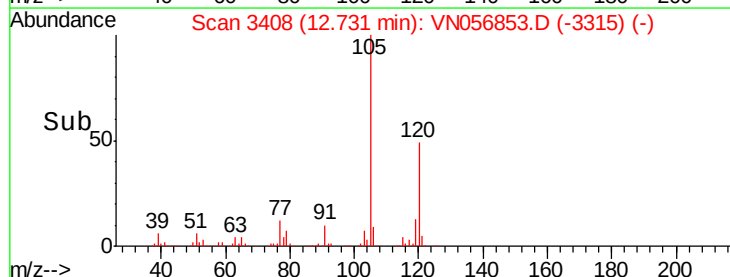
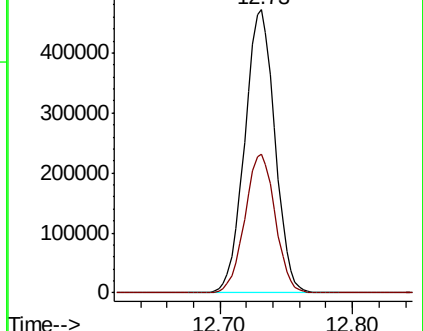
105 100

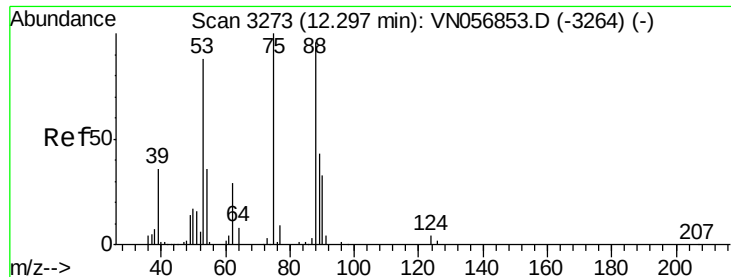
120 49.4 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN056853.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN056853.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.339 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

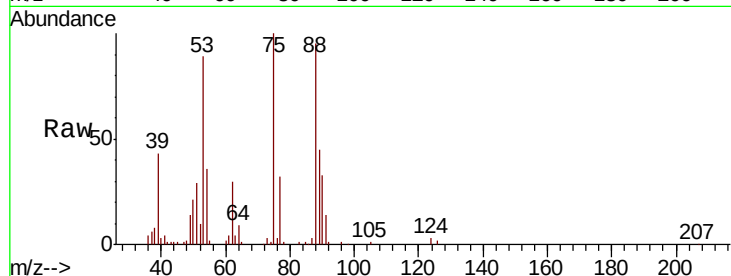
Tot Ion: 75 Resp: 72263

Ion Ratio Lower Upper

75 100

53 90.4 72.3 108.5

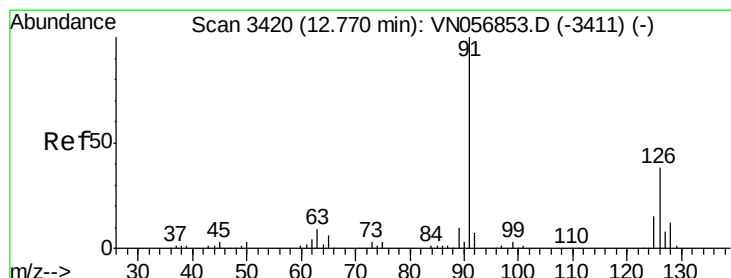
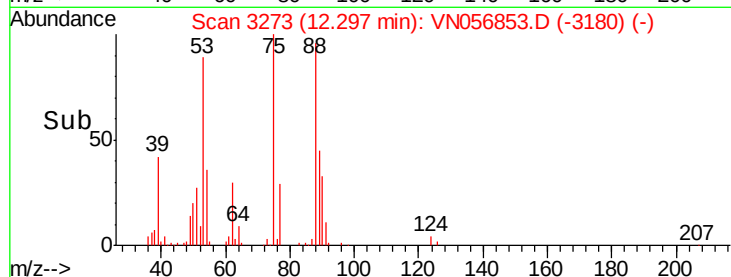
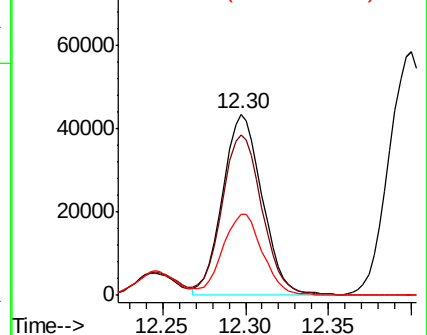
89 45.3 36.2 54.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 50.866 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN056853.D

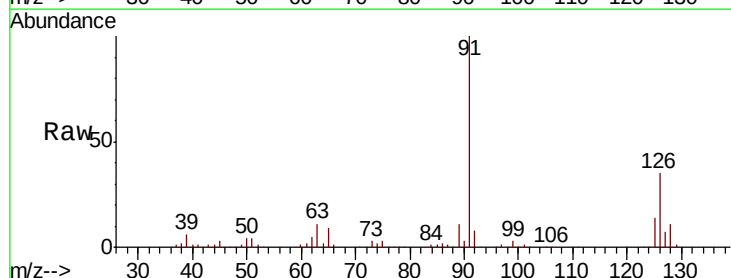
Acq: 22 Jul 2019 13:10

Tgt Ion: 91 Resp: 577800

Ion Ratio Lower Upper

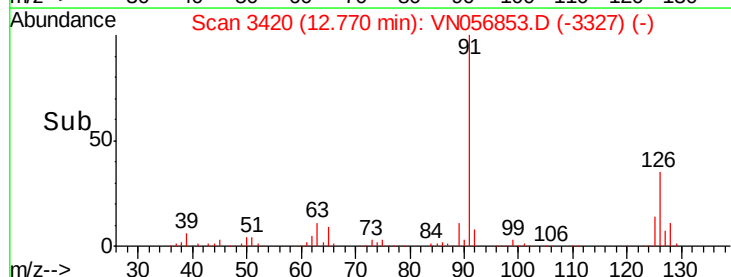
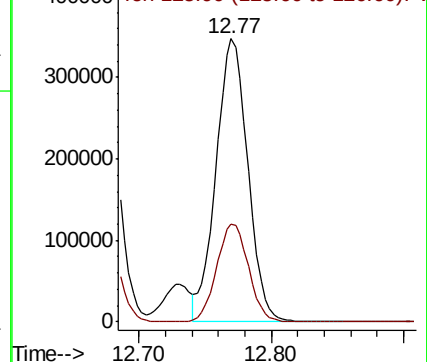
91 100

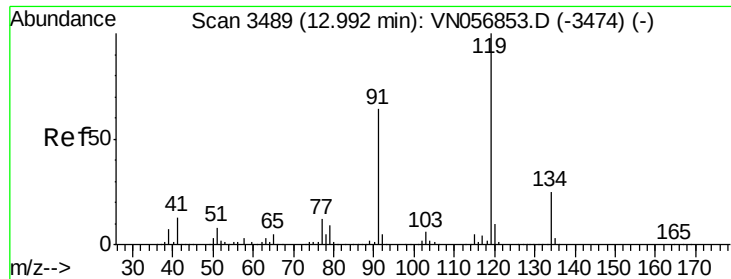
126 34.7 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

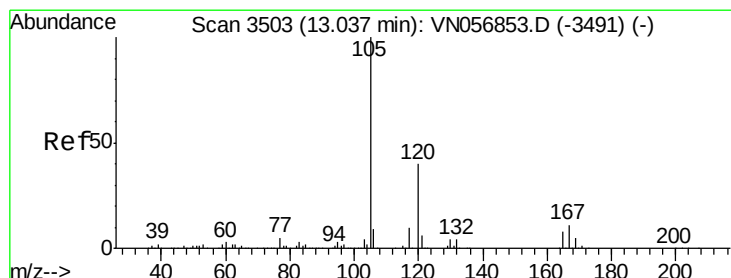
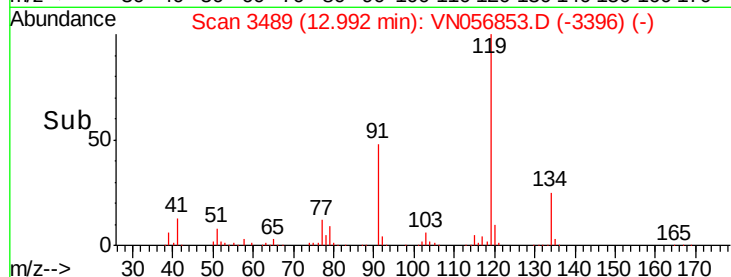
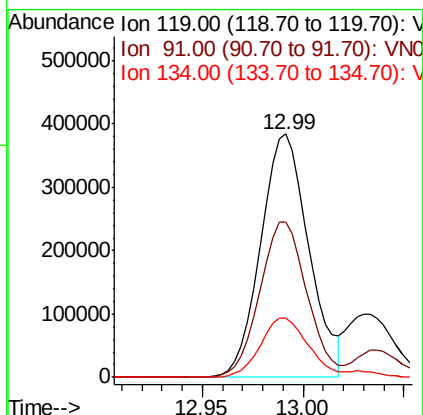
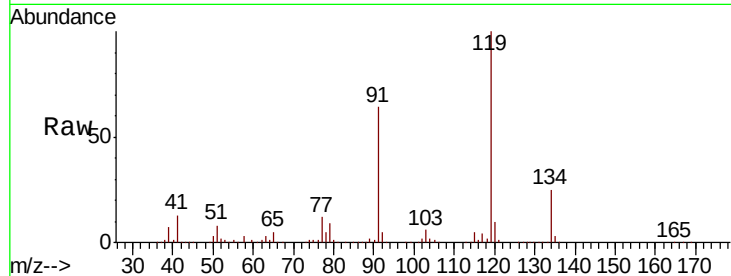




#83
 tert-Butylbenzene
 Concen: 49.501 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056853.D
 Acq: 22 Jul 2019 13:10

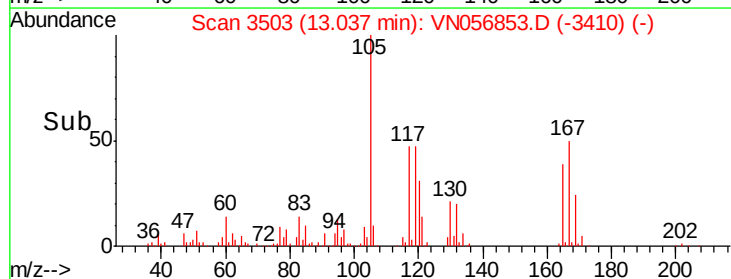
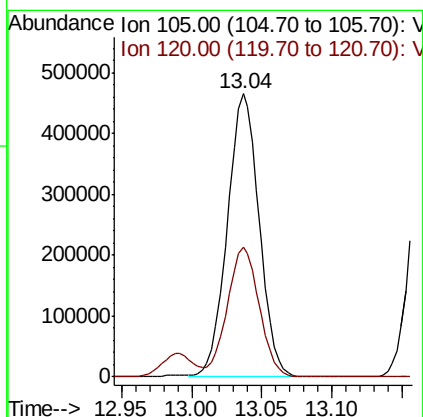
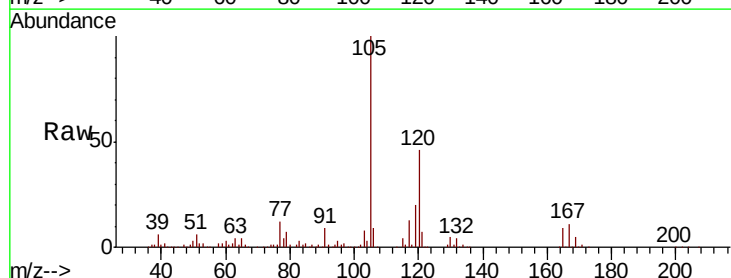
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

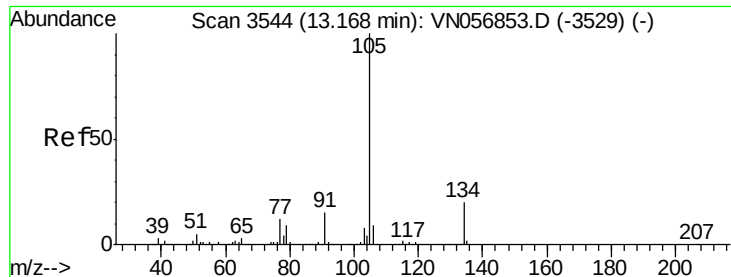
Tot Ion:119 Resp: 639336
 Ion Ratio Lower Upper
 119 100
 91 63.0 31.5 94.5
 134 24.4 12.2 36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 50.626 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN056853.D
 Acq: 22 Jul 2019 13:10

Tgt Ion:105 Resp: 730732
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.2 69.5





#85

sec-Butylbenzene

Concen: 51.247 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

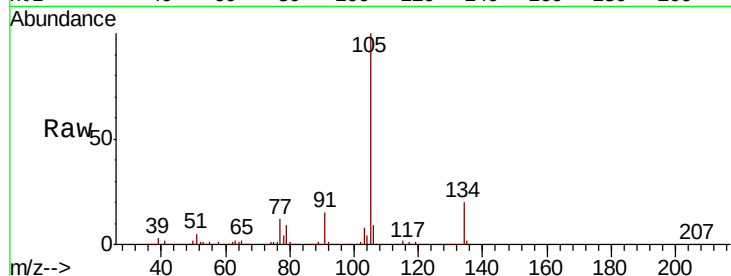
VSTDICCC050

Tot Ion:105 Resp: 844351

Ion Ratio Lower Upper

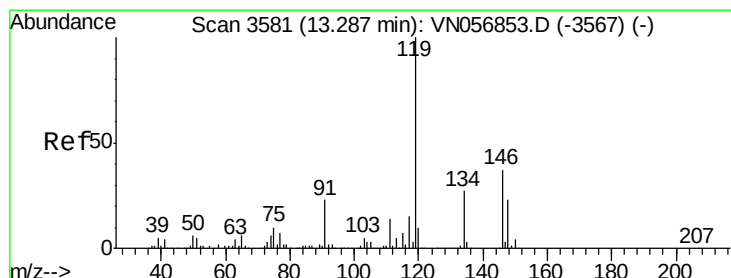
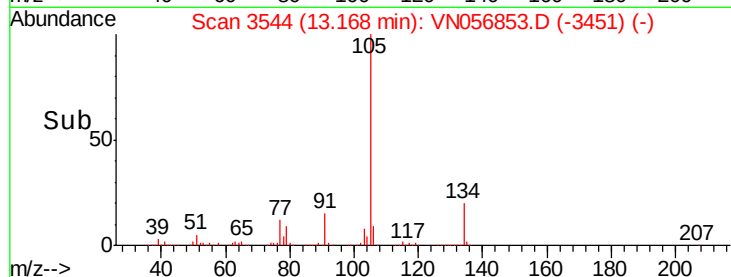
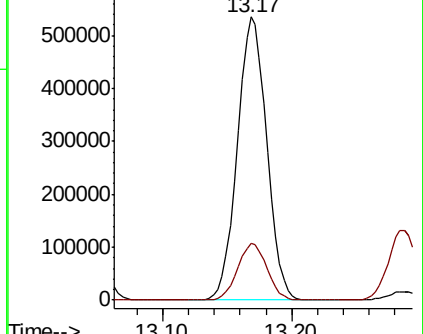
105 100

134 20.1 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.939 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

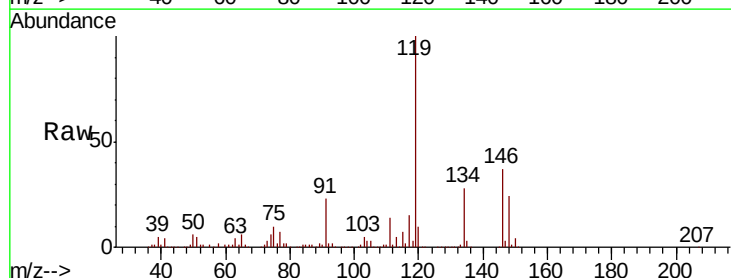
Tgt Ion:119 Resp: 758777

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

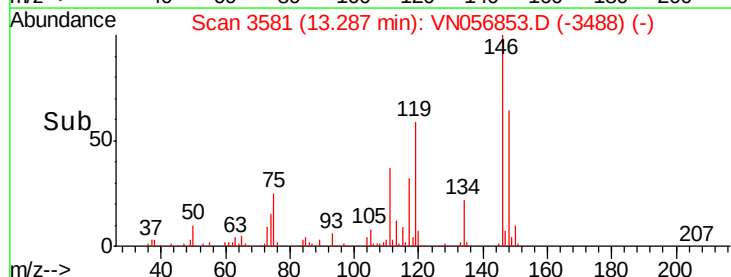
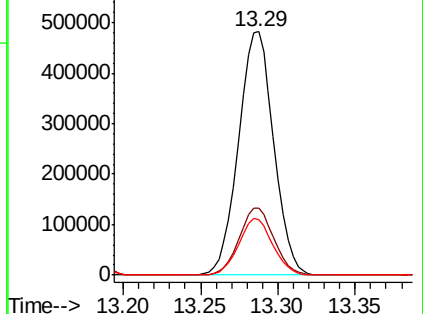
91 22.5 11.3 33.8

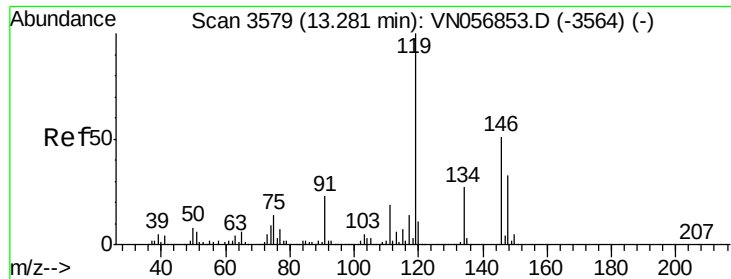


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

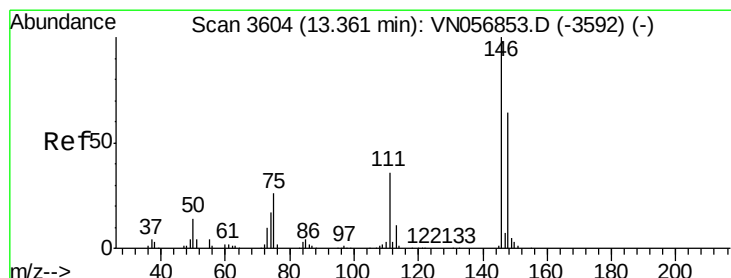
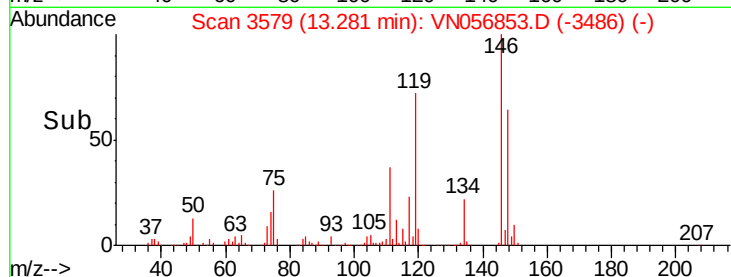
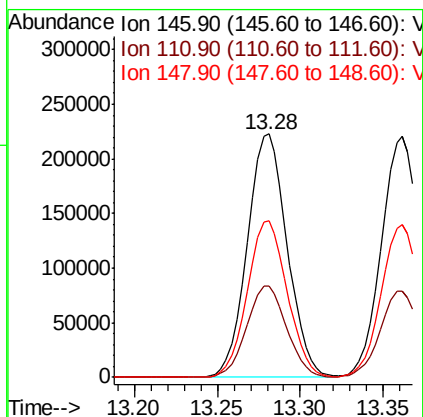
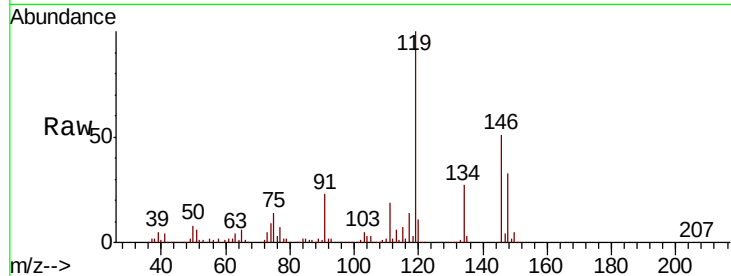




#87
 1,3-Dichlorobenzene
 Concen: 50.018 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056853.D
 Acq: 22 Jul 2019 13:10

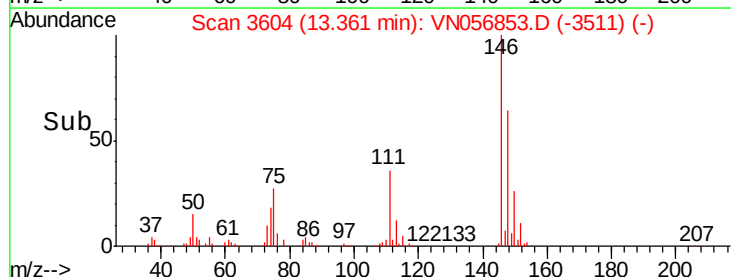
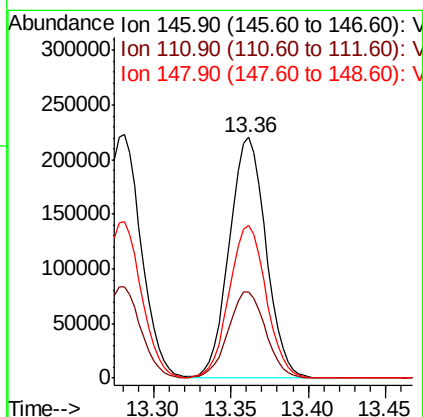
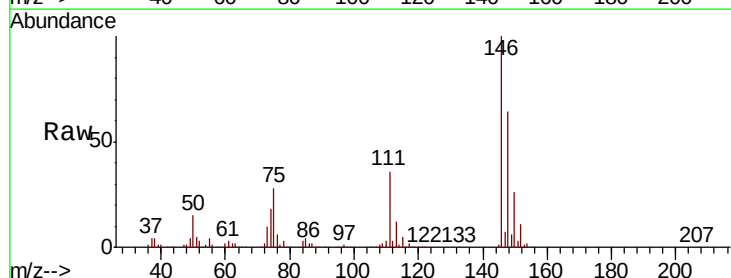
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

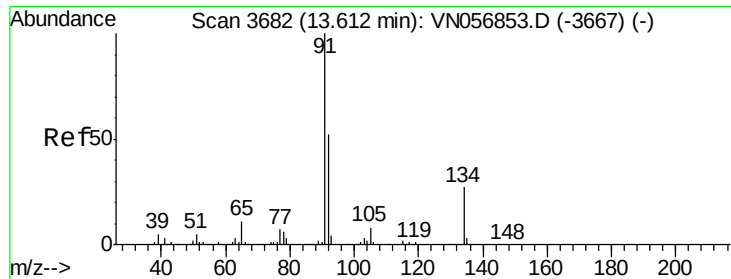
Tot Ion:146 Resp: 372288
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.9 56.5
 148 64.2 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 50.014 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056853.D
 Acq: 22 Jul 2019 13:10

Tgt Ion:146 Resp: 361998
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.3 54.9
 148 64.2 32.1 96.3

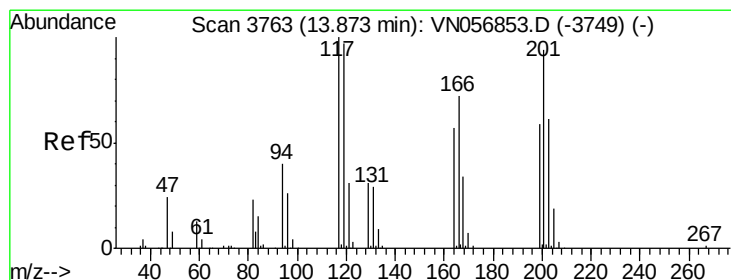
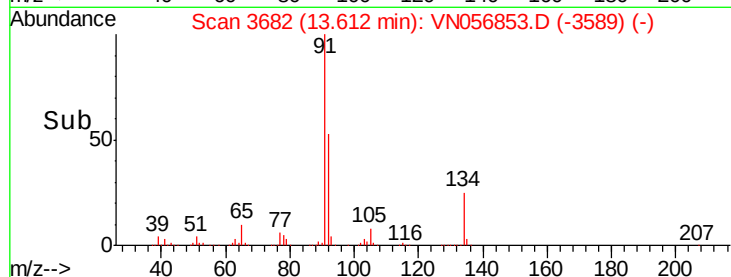
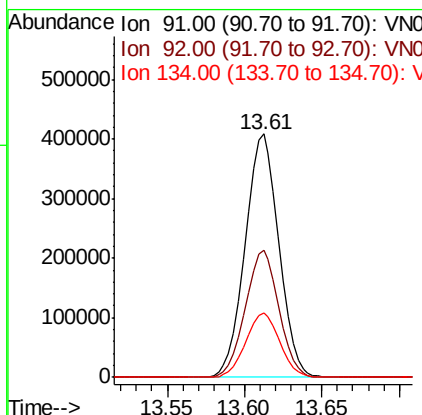
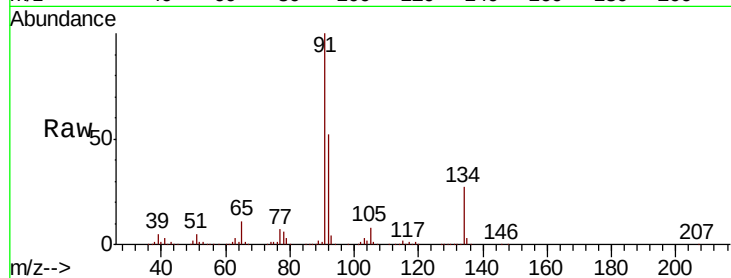




#89
n-Butylbenzene
Concen: 51.991 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056853.D
Acq: 22 Jul 2019 13:10

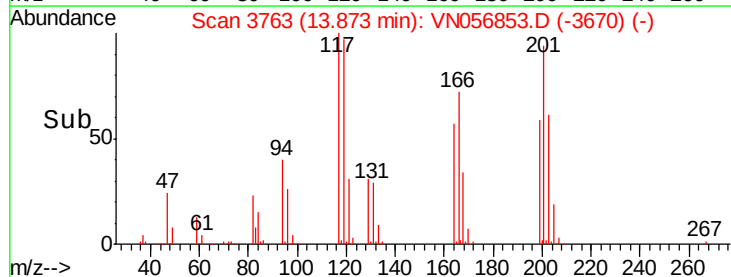
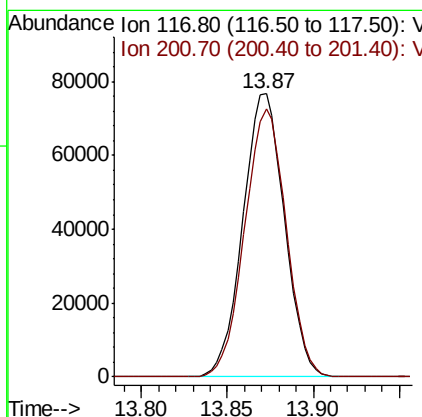
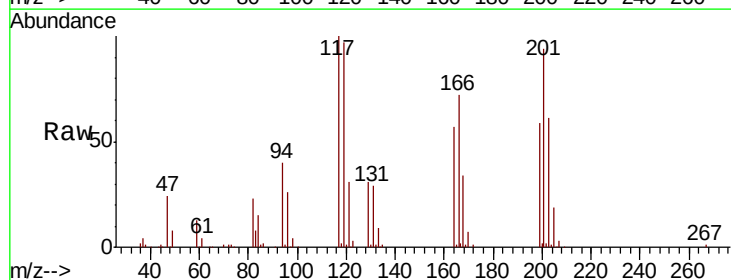
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

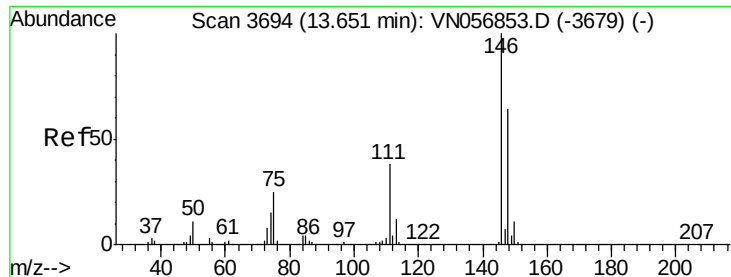
Tot Ion: 91 Resp: 620191
Ion Ratio Lower Upper
91 100
92 52.0 26.0 78.0
134 26.6 13.3 39.9



#90
Hexachloroethane
Concen: 53.075 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056853.D
Acq: 22 Jul 2019 13:10

Tgt Ion: 117 Resp: 128884
Ion Ratio Lower Upper
117 100
201 94.2 47.1 141.3

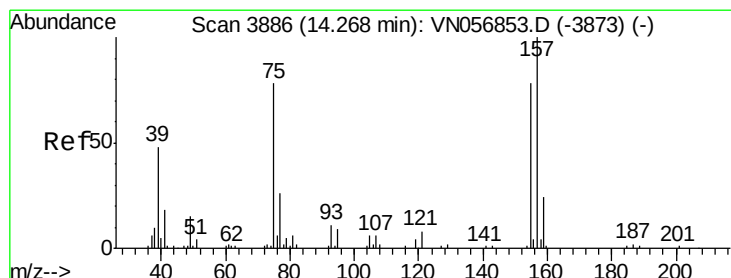
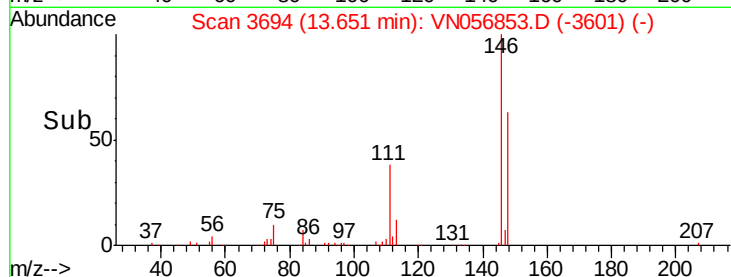
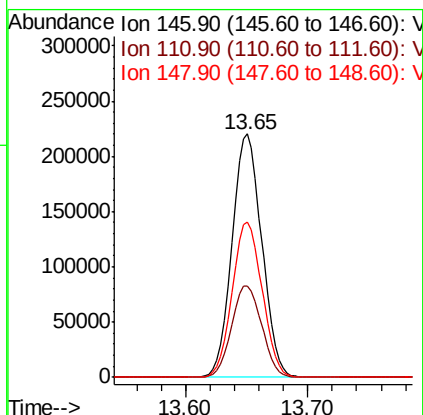
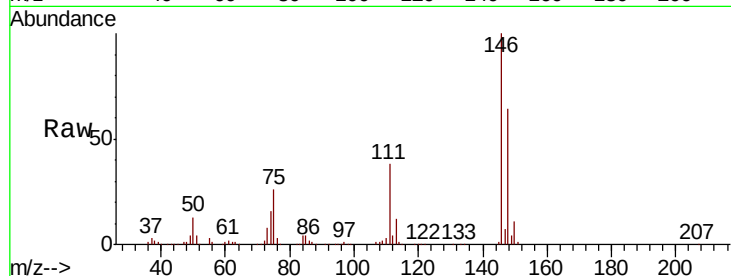




#91
 1,2-Dichlorobenzene
 Concen: 49.066 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056853.D
 Acq: 22 Jul 2019 13:10

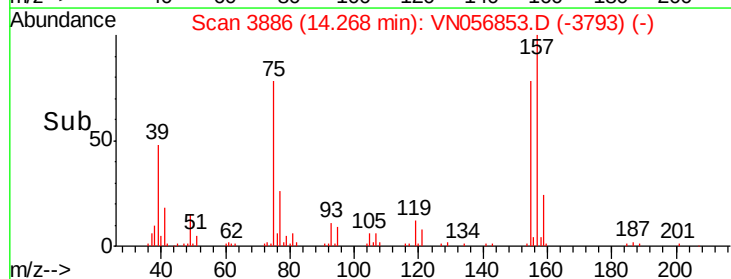
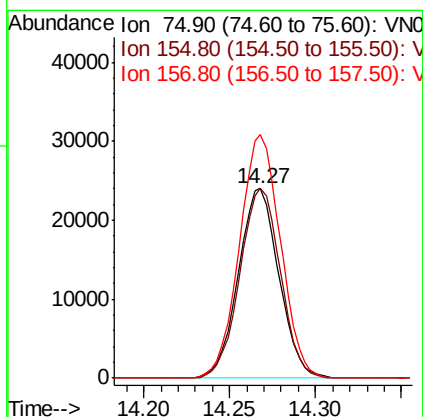
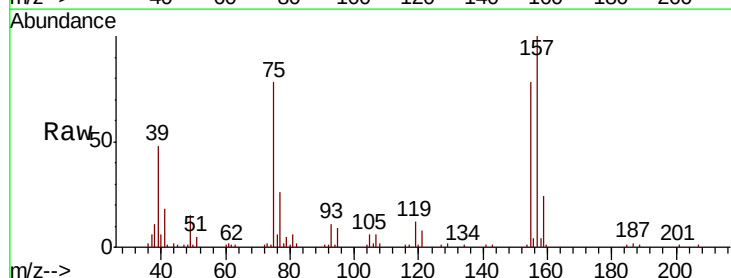
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

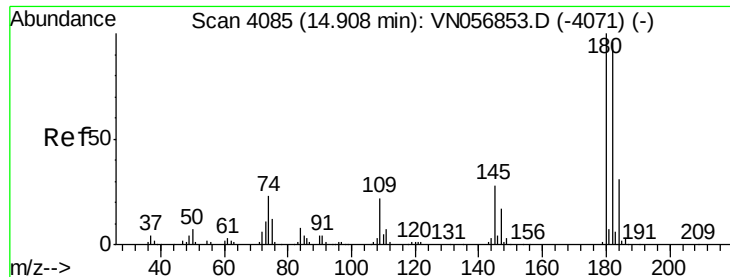
Tot Ion:146 Resp: 372880
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.1 57.5
 148 64.3 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.611 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056853.D
 Acq: 22 Jul 2019 13:10

Tgt Ion: 75 Resp: 39446
 Ion Ratio Lower Upper
 75 100
 155 99.7 49.9 149.6
 157 129.6 64.8 194.4

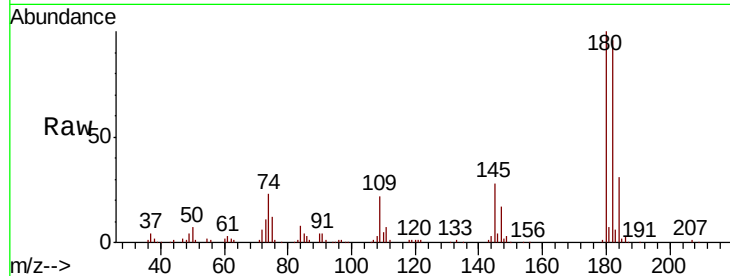




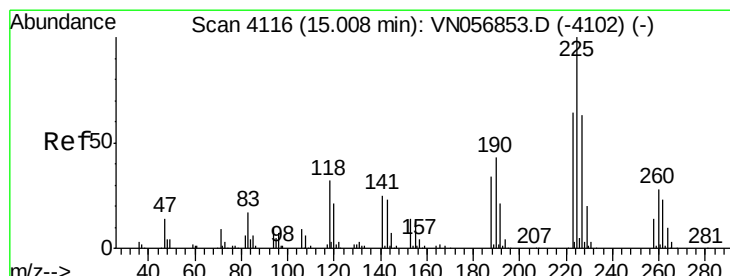
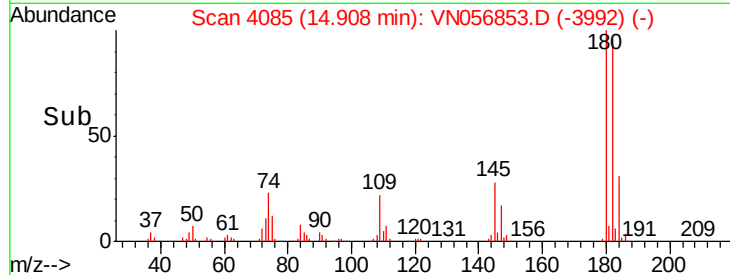
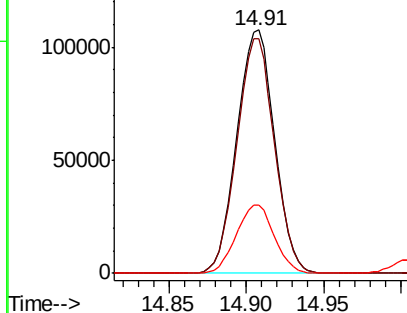
#93
 1,2,4-Trichlorobenzene
 Concen: 53.249 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056853.D
 Acq: 22 Jul 2019 13:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion:180 Resp: 182263
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.9 143.7
 145 28.2 14.1 42.3

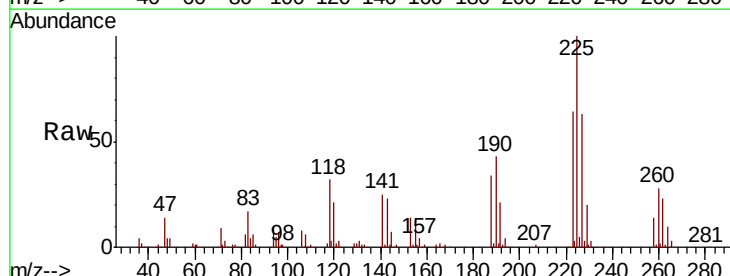


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

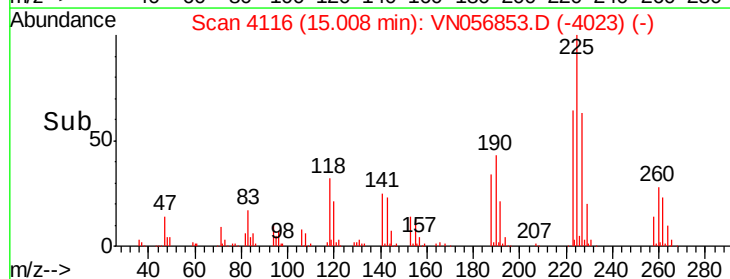
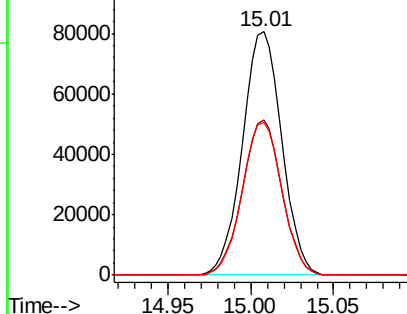


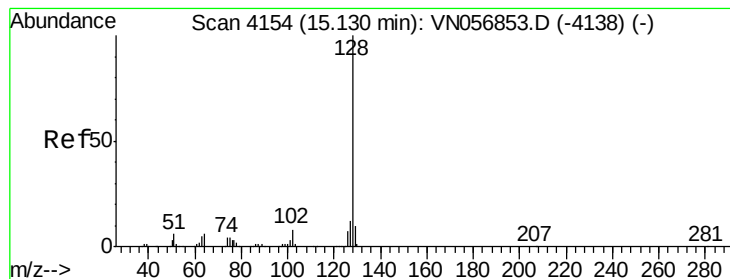
#94
 Hexachlorobutadiene
 Concen: 48.544 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056853.D
 Acq: 22 Jul 2019 13:10

Tgt Ion:225 Resp: 132957
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.9 95.5
 227 63.4 31.7 95.1



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 52.178 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

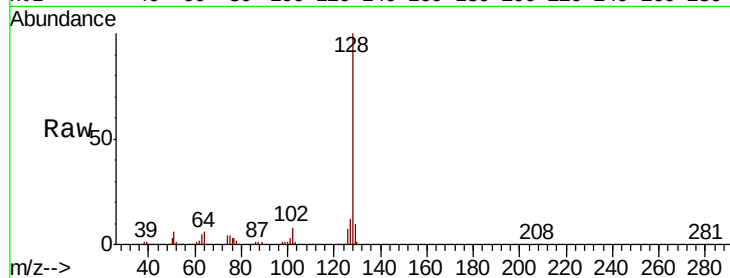
Tot Ion:128 Resp: 477298

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

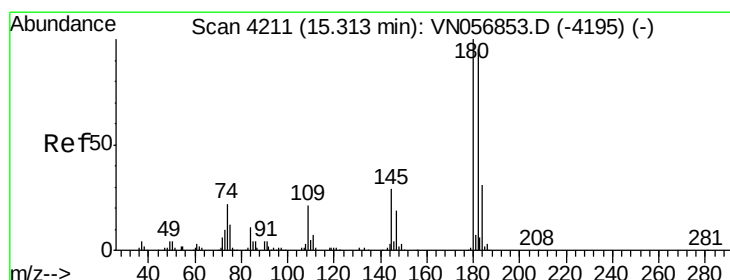
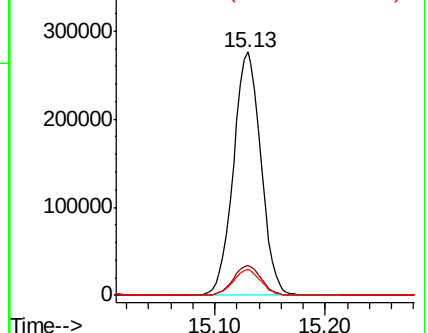
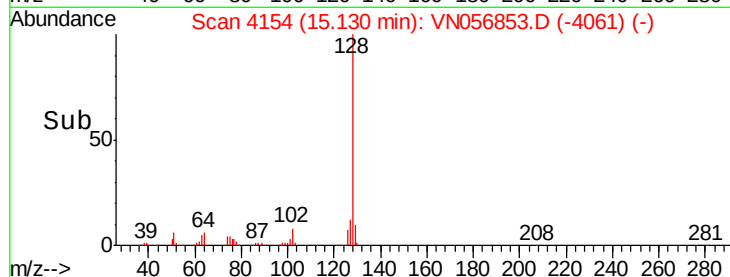
129 10.6 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.315 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056853.D

Acq: 22 Jul 2019 13:10

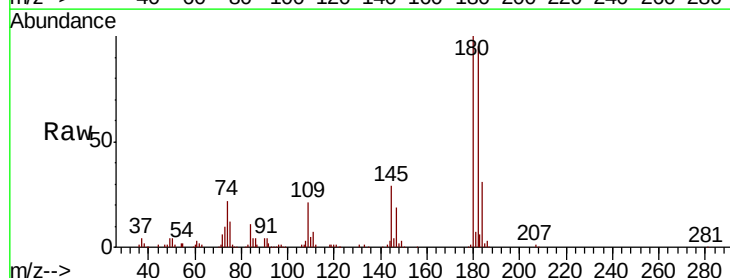
Tgt Ion:180 Resp: 194334

Ion Ratio Lower Upper

180 100

182 96.2 48.1 144.3

145 29.4 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

