

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056083.D
 Acq On : 7 Jun 2019 7:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 07 09:20:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	283864	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	435976	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	392848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	176884	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	151508	53.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.50%	
35) Dibromofluoromethane	7.59	113	137679	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
50) Toluene-d8	10.09	98	525970	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.40	95	179230	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	161074	51.639	ug/l	100
3) Chloromethane	2.06	50	175059	56.891	ug/l	98
4) Vinyl Chloride	2.18	62	170917	55.374	ug/l	99
5) Bromomethane	2.53	94	104778	53.738	ug/l	99
6) Chloroethane	2.68	64	98143	54.840	ug/l	100
7) Trichlorofluoromethane	3.00	101	203465	51.635	ug/l	98
8) Diethyl Ether	3.40	74	84391	52.079	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.74	101	125008	52.226	ug/l	100
10) Methyl Iodide	3.94	142	186276	48.971	ug/l	98
11) Tert butyl alcohol	4.81	59	136134	277.549	ug/l	99
12) 1,1-Dichloroethene	3.72	96	128605	53.968	ug/l	97
13) Acrolein	3.60	56	42018	297.032	ug/l	95
14) Allyl chloride	4.31	41	192642	51.195	ug/l	99
15) Acrylonitrile	4.99	53	363969	304.837	ug/l	99
16) Acetone	3.82	43	294502	218.471	ug/l	100
17) Carbon Disulfide	4.04	76	285370	50.015	ug/l	99
18) Methyl Acetate	4.32	43	163960	62.060	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	419523	55.230	ug/l	99
20) Methylene Chloride	4.54	84	151924	54.703	ug/l	95
21) trans-1,2-Dichloroethene	5.03	96	136786	53.573	ug/l	96
22) Diisopropyl ether	5.96	45	428141	55.042	ug/l	97
23) Vinyl Acetate	5.89	43	1714639	279.917	ug/l	99
24) 1,1-Dichloroethane	5.84	63	248063	55.286	ug/l	100
25) 2-Butanone	6.84	43	474647	278.684	ug/l	99
26) 2,2-Dichloropropane	6.82	77	102251	29.205	ug/l	94
27) cis-1,2-Dichloroethene	6.82	96	163051	54.327	ug/l	94
28) Bromochloromethane	7.19	49	116813	55.052	ug/l	98
29) Tetrahydrofuran	7.21	42	315323	299.509	ug/l	99
30) Chloroform	7.37	83	246742	54.666	ug/l	100
31) Cyclohexane	7.65	56	223165	49.898	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	204041	54.134	ug/l	99
36) 1,1-Dichloropropene	7.79	75	182413	48.659	ug/l	99
37) Ethyl Acetate	6.93	43	189655	56.859	ug/l	99
38) Carbon Tetrachloride	7.77	117	170600	49.361	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	219868	47.082	ug/l	99
40) Benzene	8.04	78	586937	51.549	ug/l	100
41) Methacrylonitrile	7.17	41	83467	54.388	ug/l	91
42) 1,2-Dichloroethane	8.12	62	184301	50.322	ug/l	99
43) Isopropyl Acetate	8.17	43	290570	53.759	ug/l #	93
44) Trichloroethene	8.83	130	162889	49.787	ug/l	100
45) 1,2-Dichloropropane	9.12	63	153041	52.476	ug/l	98
46) Dibromomethane	9.21	93	100171	52.525	ug/l	98
47) Bromodichloromethane	9.40	83	180592	52.247	ug/l	98
48) Methyl methacrylate	9.20	41	145392	54.983	ug/l	95
49) 1,4-Dioxane	9.20	88	65287	1143.624	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	945533	279.737	ug/l	99
52) Toluene	10.16	92	365680	51.613	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	174774	43.457	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	206872	49.792	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	148125	52.779	ug/l	99
56) Ethyl methacrylate	10.43	69	225909	55.176	ug/l	98
57) 1,3-Dichloropropane	10.71	76	240167	52.641	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	402363	247.987	ug/l	100
59) 2-Hexanone	10.75	43	666703	272.146	ug/l	99
60) Dibromochloromethane	10.90	129	147531	47.778	ug/l	98
61) 1,2-Dibromoethane	11.00	107	154667	53.908	ug/l	98
64) Tetrachloroethene	10.63	164	177329	52.147	ug/l	98
65) Chlorobenzene	11.43	112	396357	50.695	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	141800	52.526	ug/l	99
67) Ethyl Benzene	11.51	91	686935	50.528	ug/l	99
68) m/p-Xylenes	11.62	106	531555	102.351	ug/l	99
69) o-Xylene	11.95	106	259272	50.752	ug/l	100
70) Styrene	11.96	104	439048	54.091	ug/l	99
71) Bromoform	12.13	173	105745	46.839	ug/l #	99
73) Isopropylbenzene	12.25	105	681143	54.228	ug/l	100
74) N-amyl acetate	12.07	43	248508	52.705	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	211066	51.401	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	237058	72.835	ug/l #	100
77) Bromobenzene	12.53	156	186094	49.140	ug/l	96
78) n-propylbenzene	12.59	91	735126	49.125	ug/l	100
79) 2-Chlorotoluene	12.67	91	450429	54.475	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	567144	47.687	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	42086	43.062	ug/l	89
82) 4-Chlorotoluene	12.77	91	438820	50.124	ug/l	100
83) tert-Butylbenzene	12.99	119	498239	54.225	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	559530	49.612	ug/l	99
85) sec-Butylbenzene	13.17	105	640532	48.334	ug/l	100
86) p-Isopropyltoluene	13.29	119	578623	48.787	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	299437	51.088	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	288546	51.176	ug/l	99
89) n-Butylbenzene	13.61	91	432523	49.229	ug/l	100
90) Hexachloroethane	13.87	117	88860	49.680	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	300720	50.818	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32477	55.297	ug/l	95

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QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

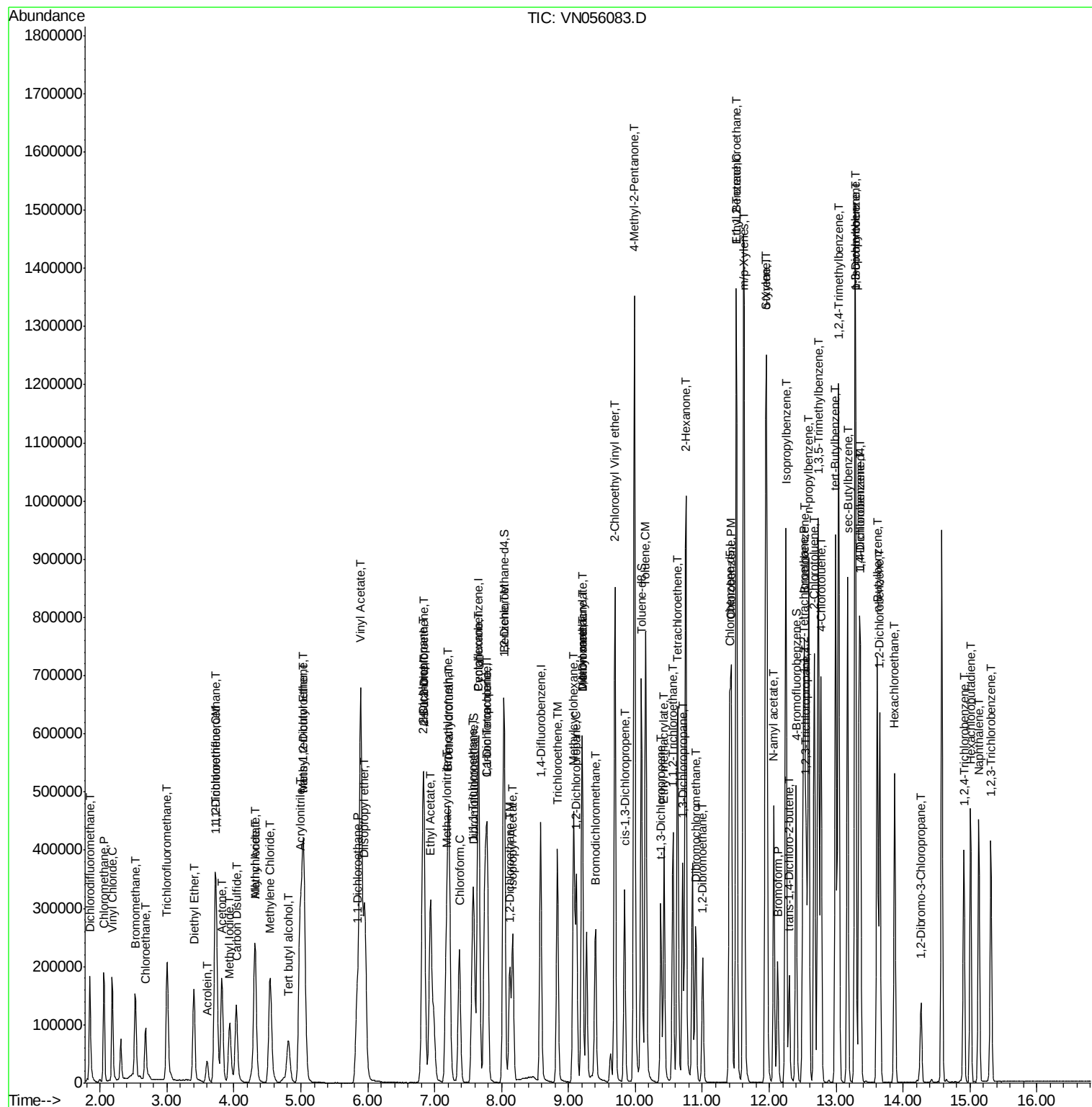
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	148009	45.782	ug/l	99
94) Hexachlorobutadiene	15.01	225	103764	51.174	ug/l	99
95) Naphthalene	15.13	128	410501	48.634	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	161326	48.632	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060719\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

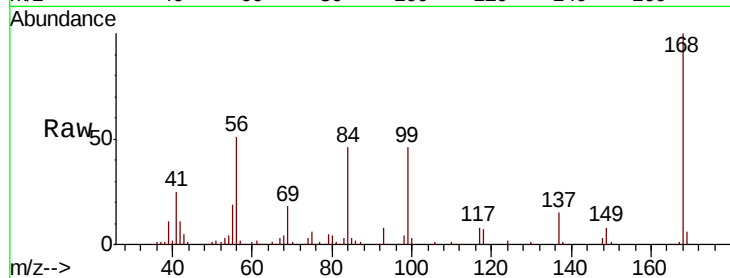
VSTDCCC050EC

Tot Ion:168 Resp: 283864

Ion Ratio Lower Upper

168 100

99 45.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

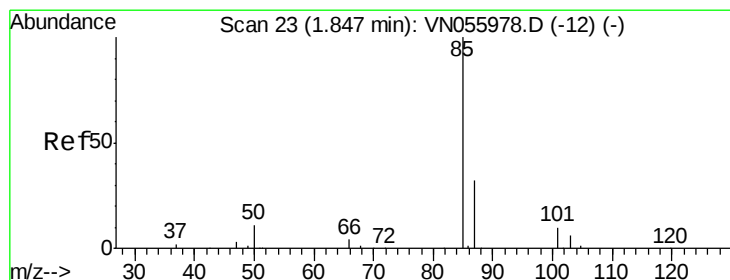
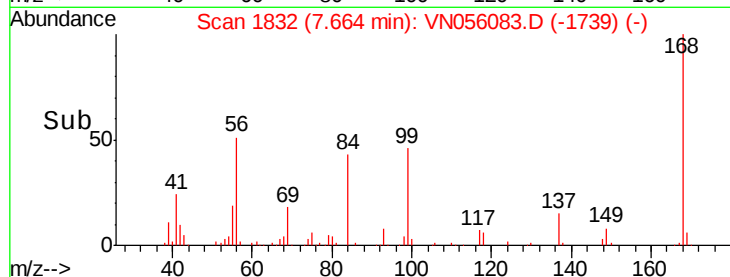
7.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.639 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056083.D

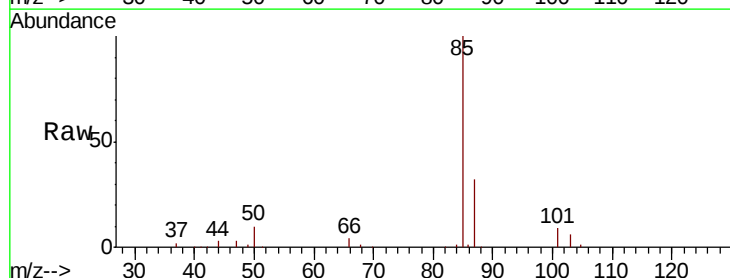
Acq: 7 Jun 2019 7:39

Tgt Ion: 85 Resp: 161074

Ion Ratio Lower Upper

85 100

87 32.4 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

120000

100000

80000

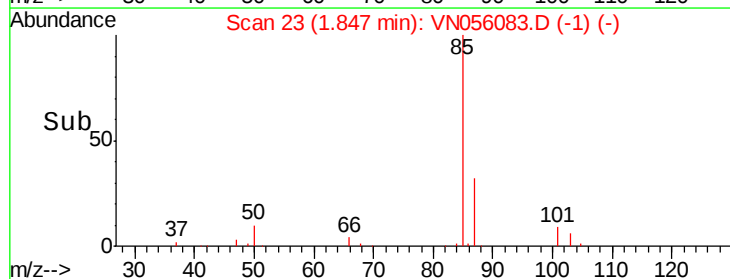
60000

40000

20000

0

Time-->





#3

Chloromethane

Concen: 56.891 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

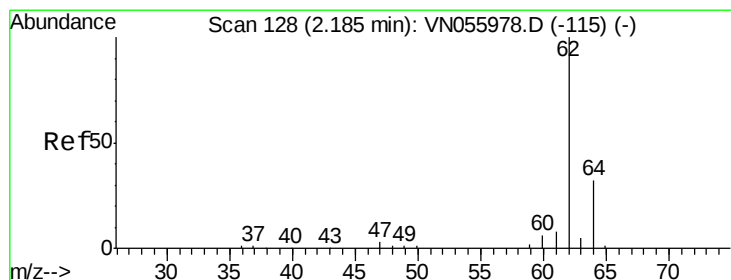
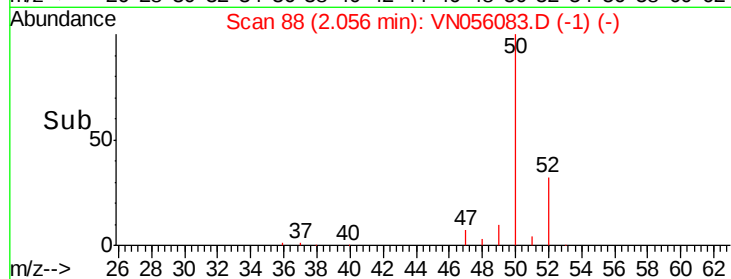
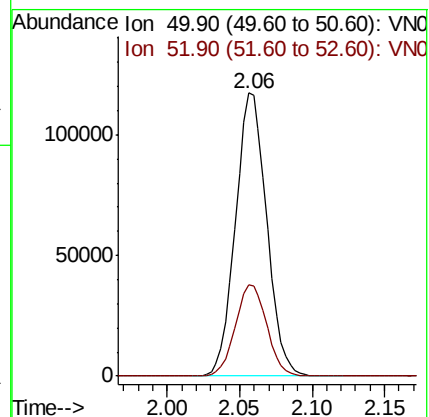
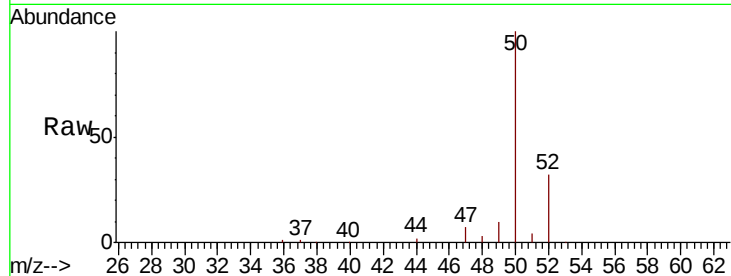
VSTDCCC050EC

Tot Ion: 50 Resp: 175059

Ion Ratio Lower Upper

50 100

52 32.1 26.6 40.0



#4

Vinyl Chloride

Concen: 55.374 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056083.D

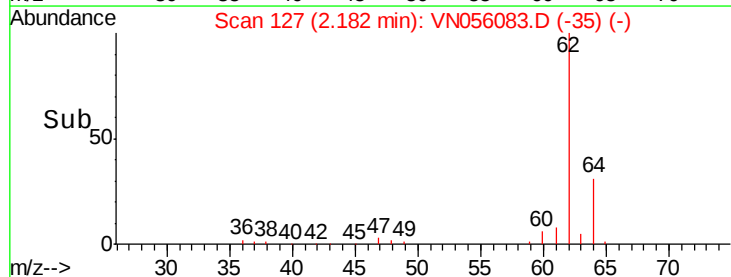
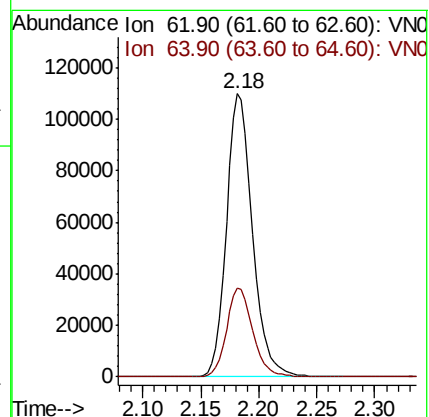
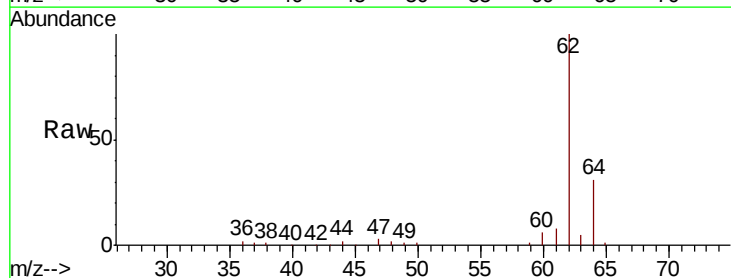
Acq: 7 Jun 2019 7:39

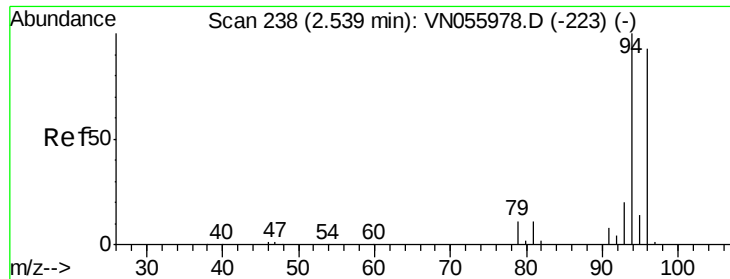
Tgt Ion: 62 Resp: 170917

Ion Ratio Lower Upper

62 100

64 31.3 25.6 38.4

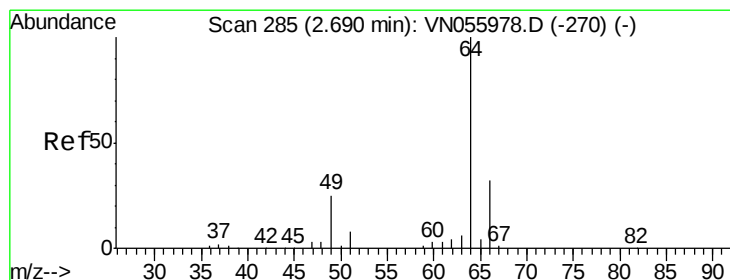
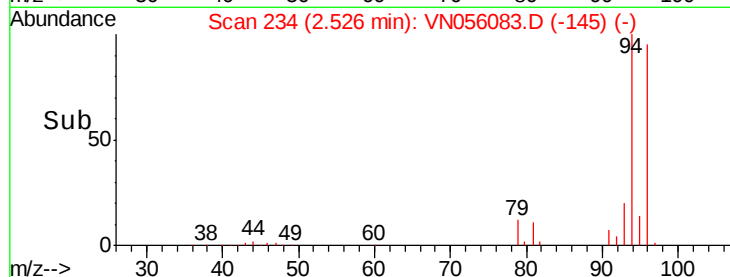
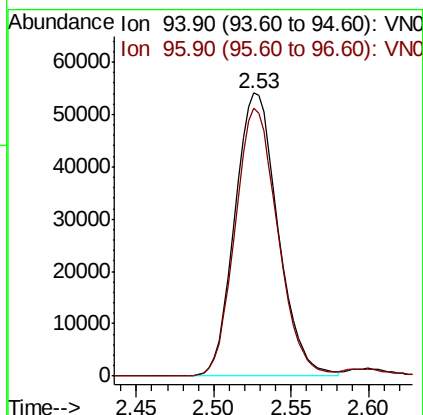
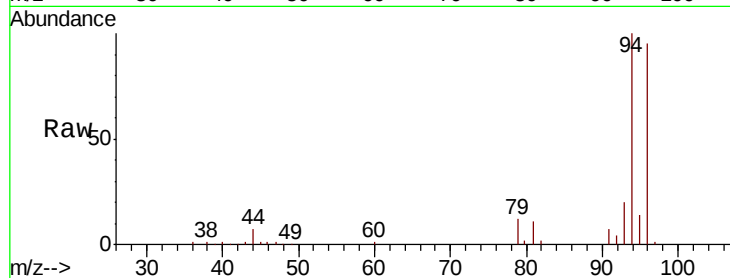




#5
Bromomethane
Concen: 53.738 ug/l
RT: 2.53 min Scan# 234
Delta R.T. -0.01 min
Lab File: VN056083.D
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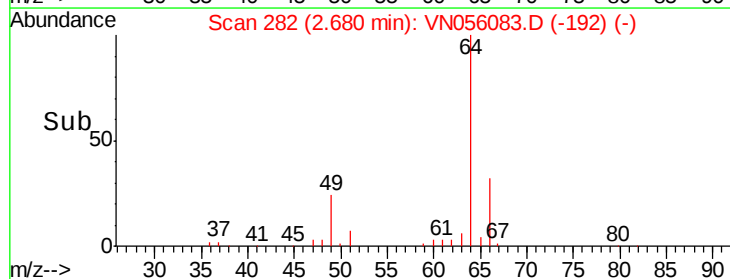
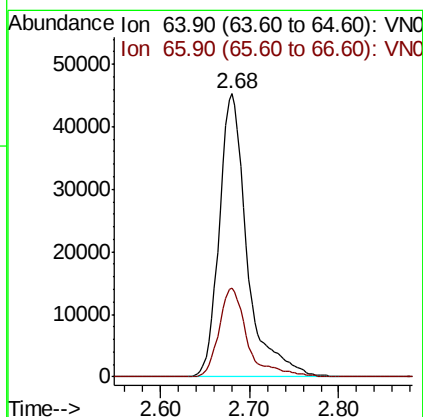
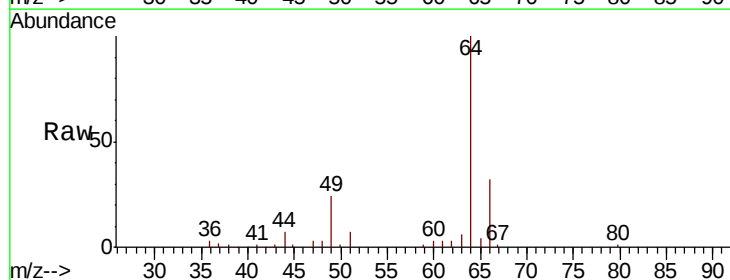
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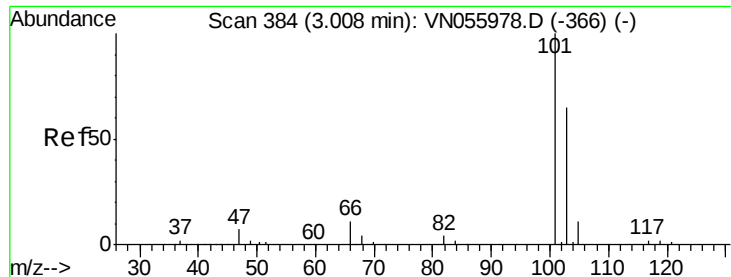
Tot Ion: 94 Resp: 104778
Ion Ratio Lower Upper
94 100
96 94.9 75.5 113.3



#6
Chloroethane
Concen: 54.840 ug/l
RT: 2.68 min Scan# 282
Delta R.T. -0.01 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion: 64 Resp: 98143
Ion Ratio Lower Upper
64 100
66 31.5 25.4 38.0



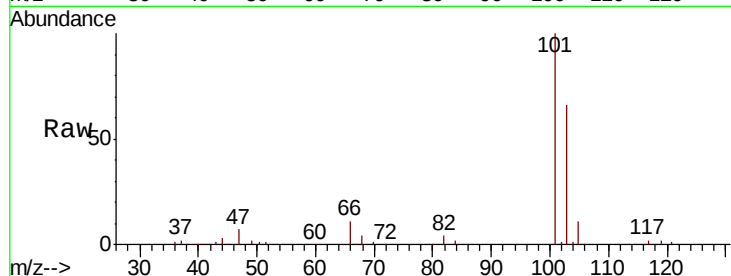


#7

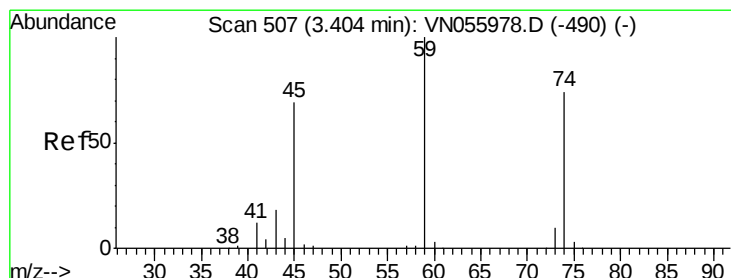
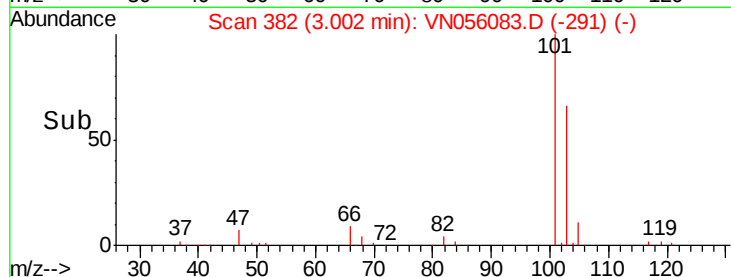
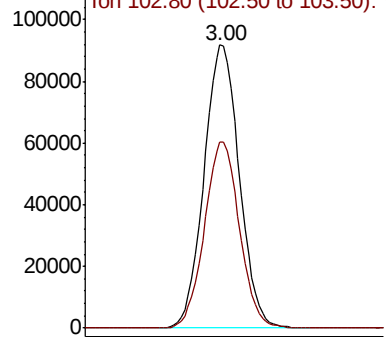
Trichlorofluoromethane
Concen: 51.635 ug/l
RT: 3.00 min Scan# 382
Delta R.T. -0.01 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 203465
Ion Ratio Lower Upper
101 100
103 65.8 51.2 76.8



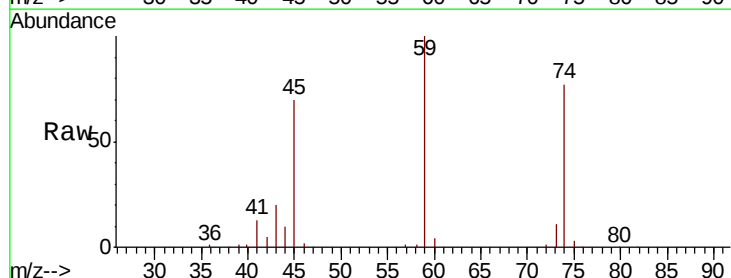
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



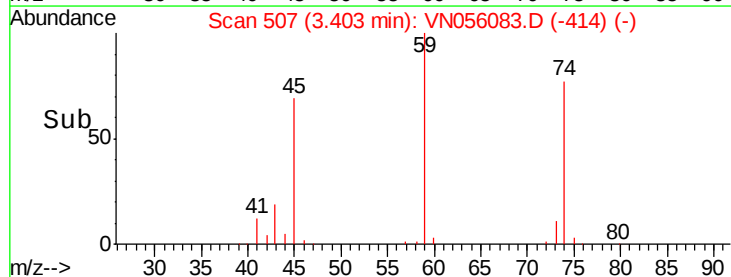
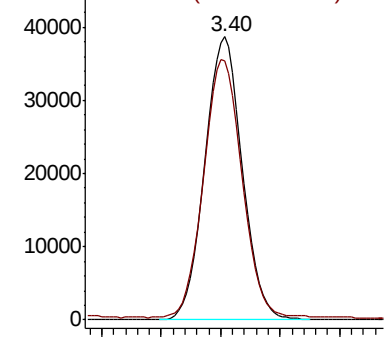
#8

Diethyl Ether
Concen: 52.079 ug/l
RT: 3.40 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion: 74 Resp: 84391
Ion Ratio Lower Upper
74 100
45 92.7 48.6 145.9



Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.226 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

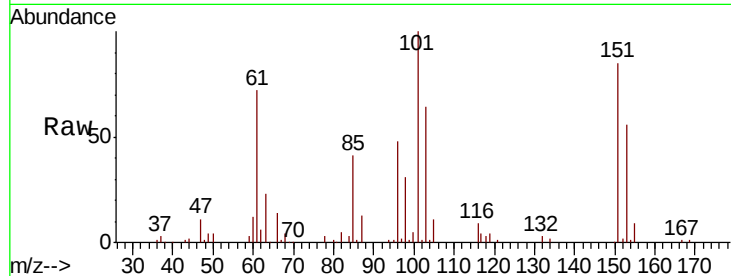
Tot Ion:101 Resp: 125008

Ion Ratio Lower Upper

101 100

85 41.5 33.4 50.2

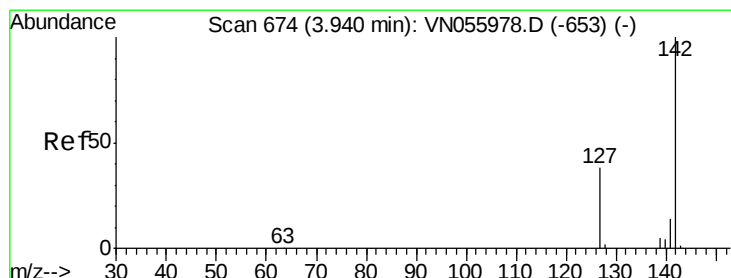
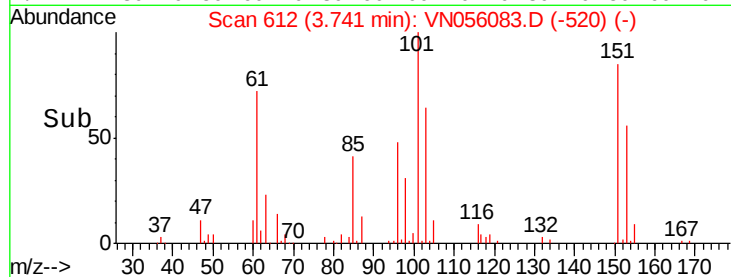
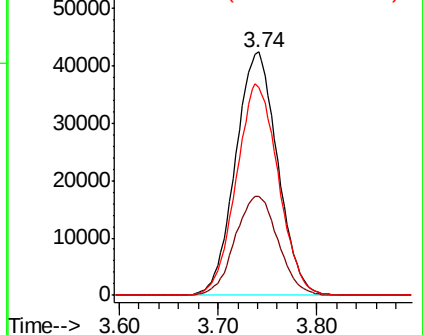
151 87.0 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.971 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

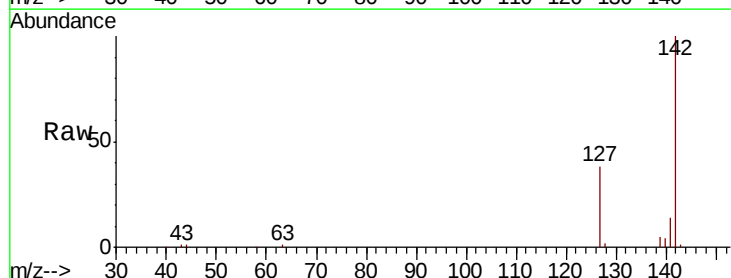
Tgt Ion:142 Resp: 186276

Ion Ratio Lower Upper

142 100

127 37.0 31.0 46.4

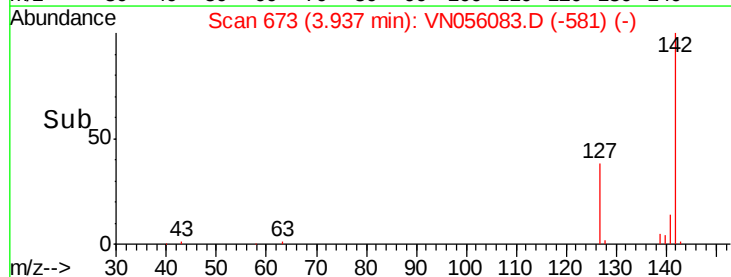
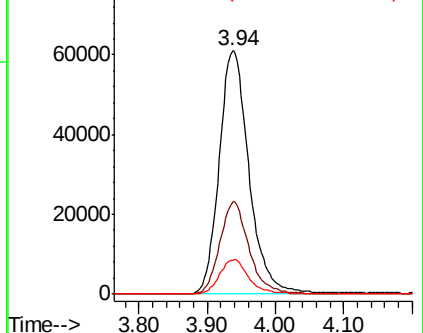
141 13.8 11.4 17.0



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



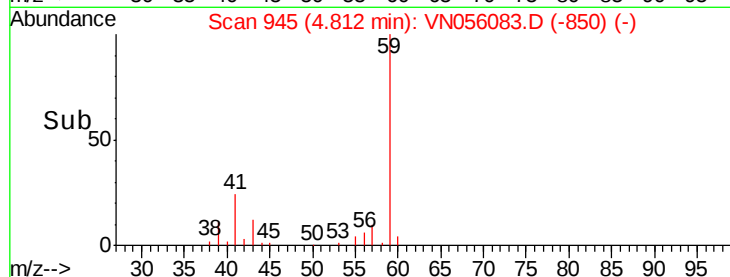
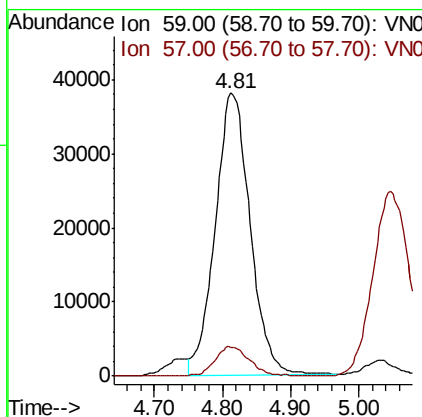
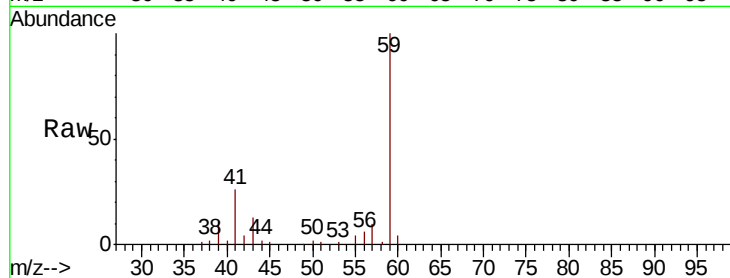


#11

Tert butyl alcohol
 Concen: 277.549 ug/l
 RT: 4.81 min Scan# 945
 Delta R.T. 0.01 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

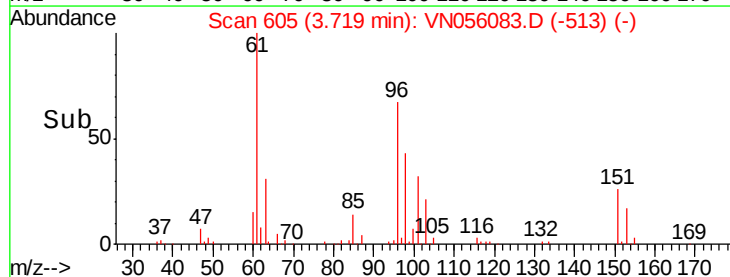
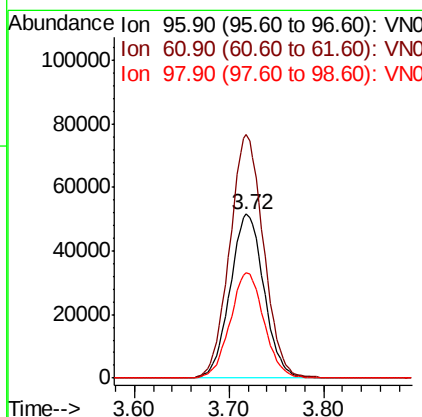
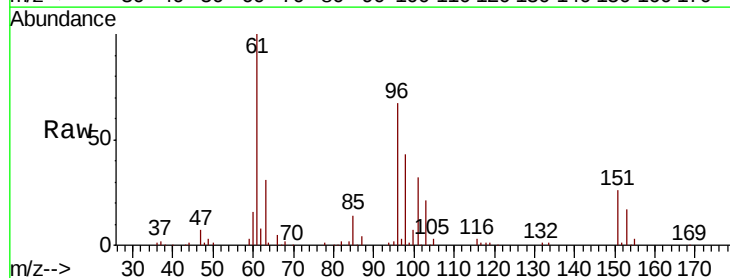
Tot Ion: 59 Resp: 136134
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.8 11.6

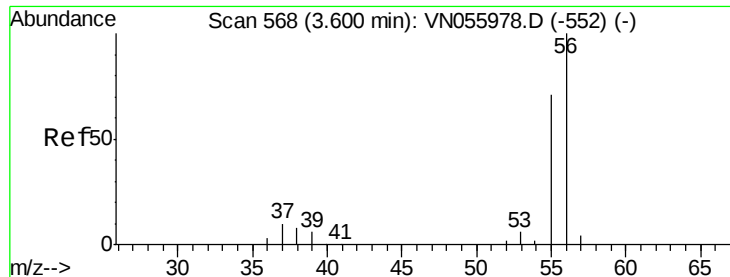


#12

1,1-Dichloroethene
 Concen: 53.968 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Tgt Ion: 96 Resp: 128605
 Ion Ratio Lower Upper
 96 100
 61 148.7 123.2 184.8
 98 64.2 50.4 75.6





#13

Acrolein

Concen: 297.032 ug/l

RT: 3.60 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

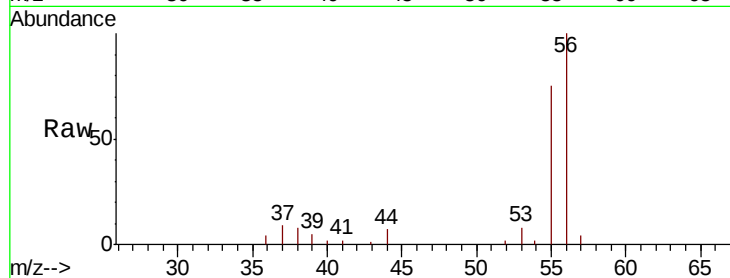
VSTDCCC050EC

Tot Ion: 56 Resp: 42018

Ion Ratio Lower Upper

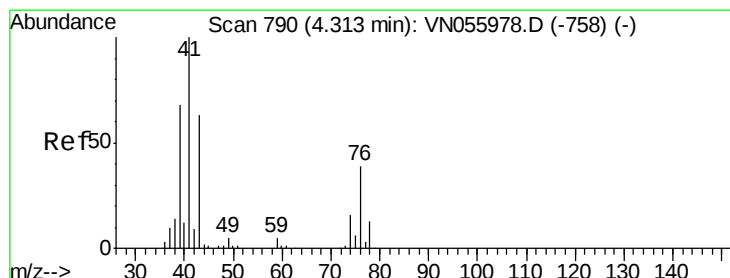
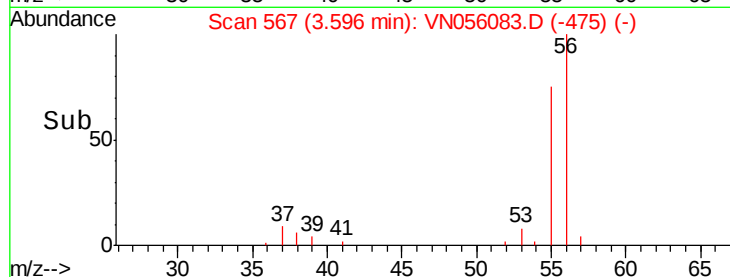
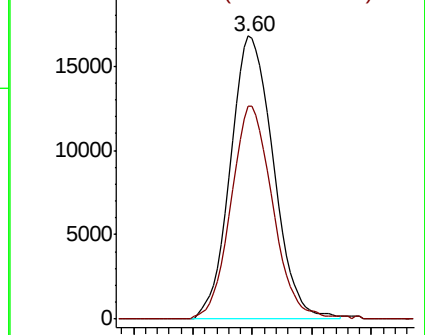
56 100

55 73.1 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 51.195 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

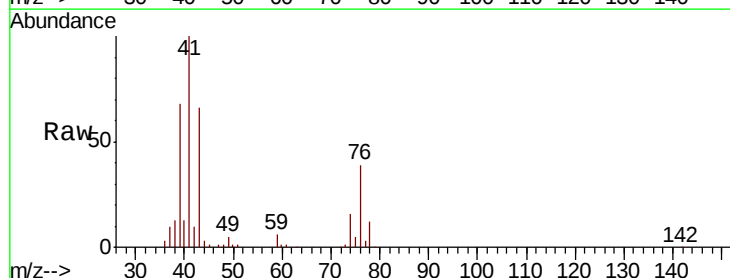
Tgt Ion: 41 Resp: 192642

Ion Ratio Lower Upper

41 100

39 61.4 50.0 75.0

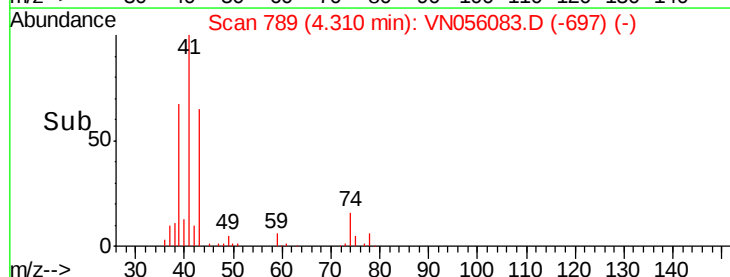
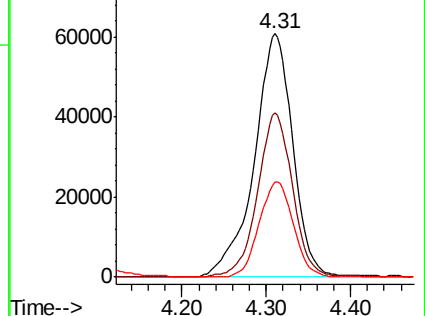
76 34.9 28.2 42.2



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: 304.837 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

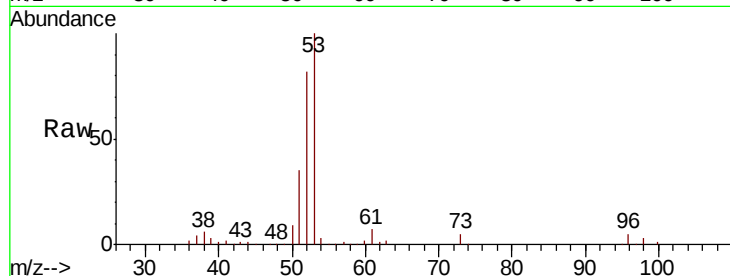
Tot Ion: 53 Resp: 363969

Ion Ratio Lower Upper

53 100

52 81.5 65.8 98.8

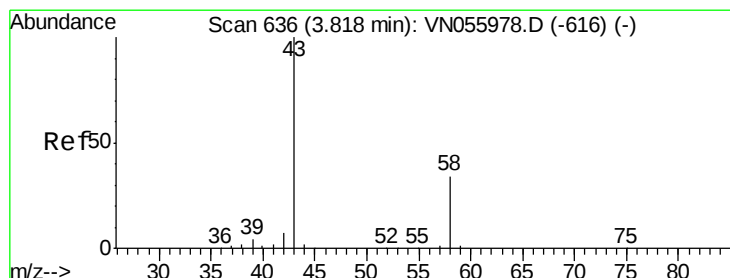
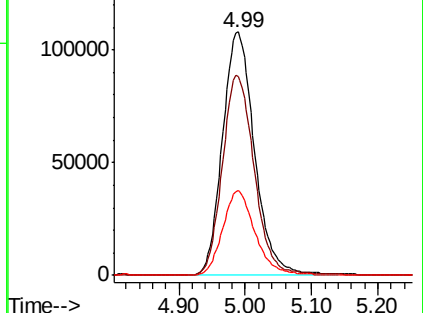
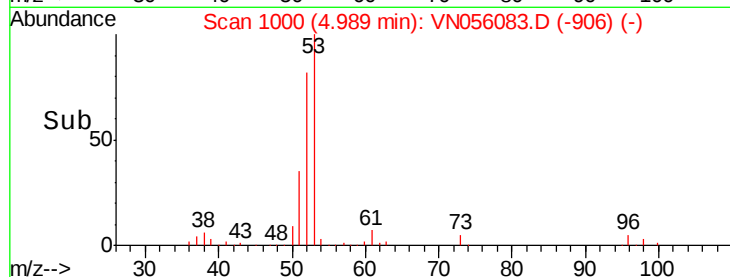
51 35.0 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 218.471 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN056083.D

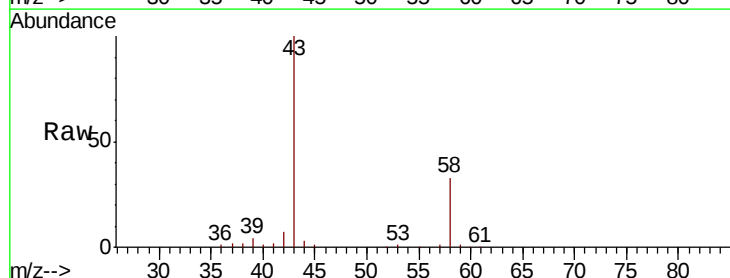
Acq: 7 Jun 2019 7:39

Tgt Ion: 43 Resp: 294502

Ion Ratio Lower Upper

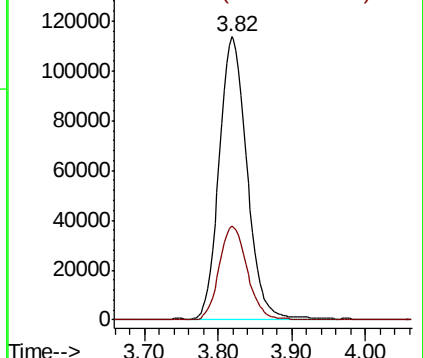
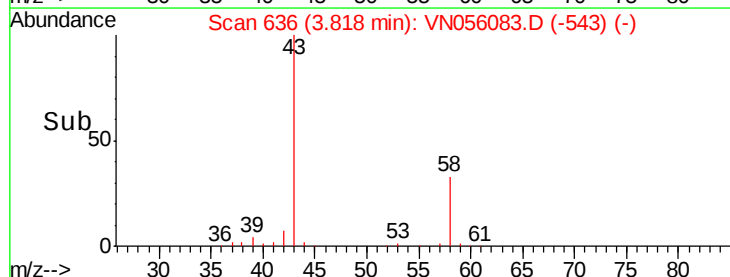
43 100

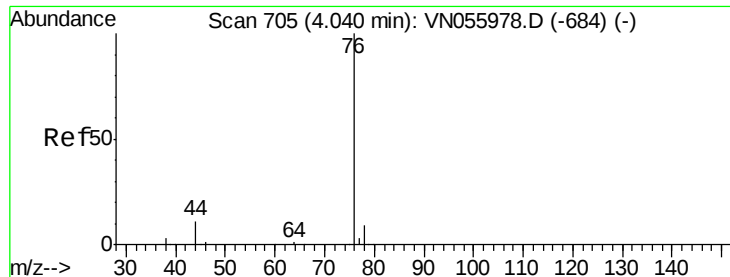
58 33.2 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

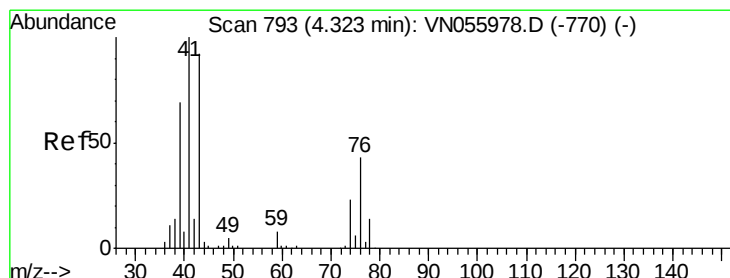
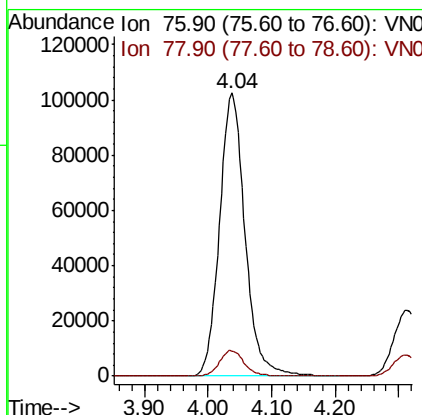
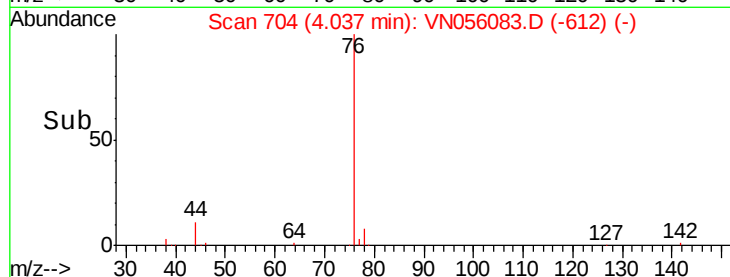
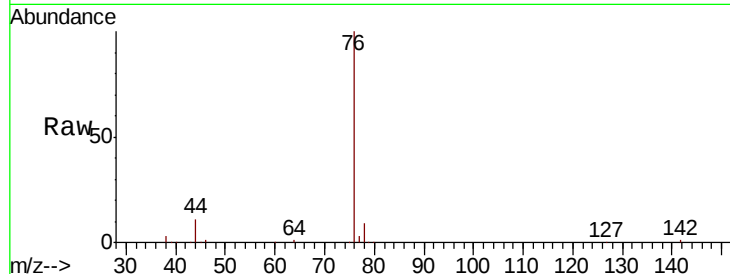




#17
Carbon Disulfide
Concen: 50.015 ug/l
RT: 4.04 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

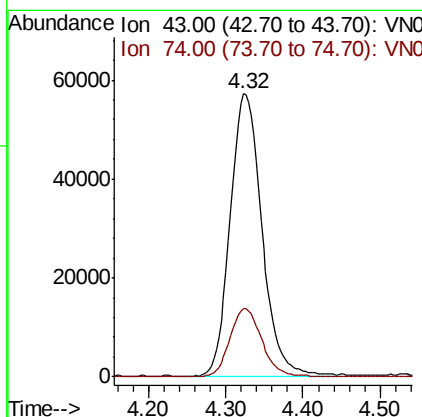
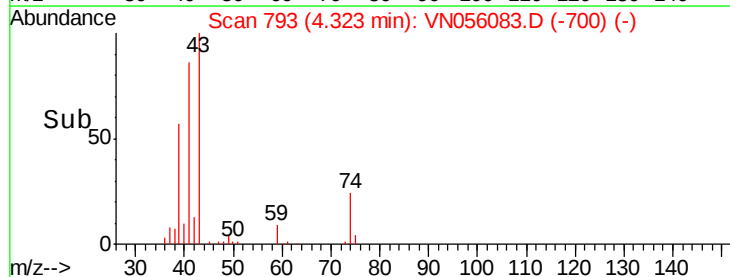
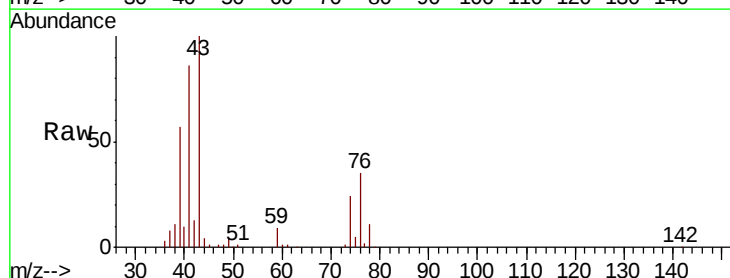
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 285370
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 62.060 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion: 43 Resp: 163960
Ion Ratio Lower Upper
43 100
74 24.1 19.3 28.9

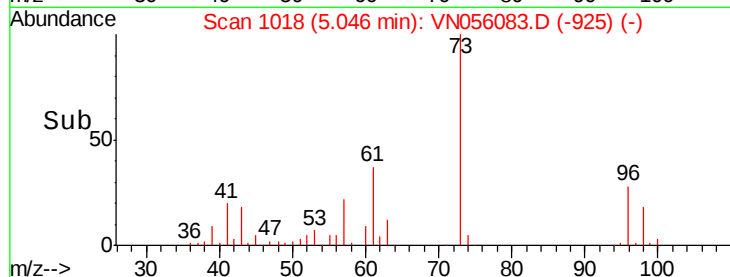
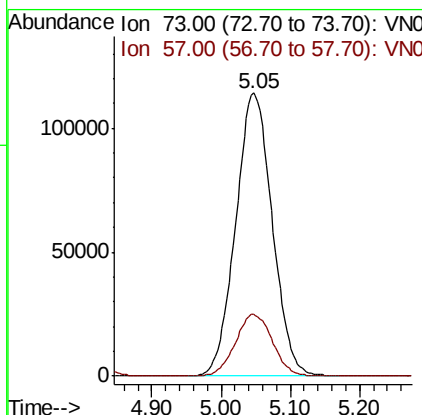
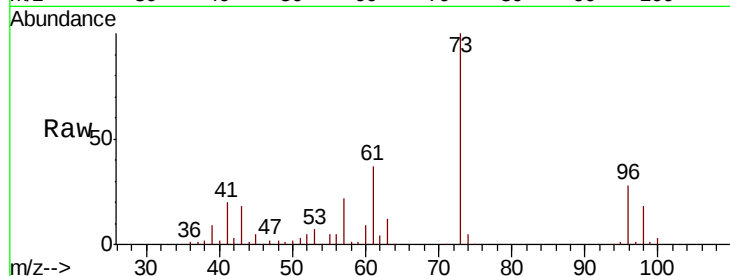




#19
Methvl tert-butvl Ether
Concen: 55.230 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

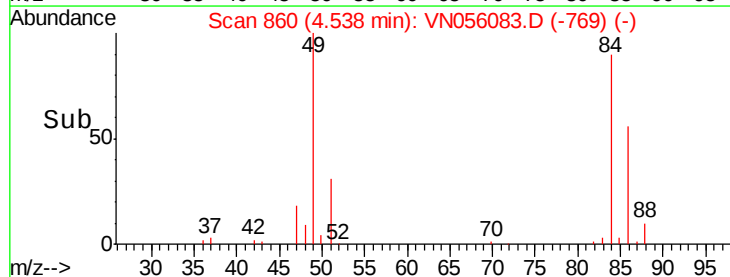
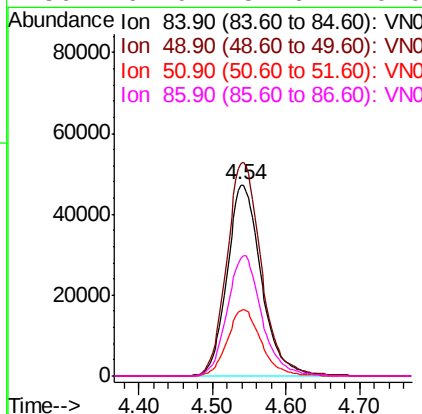
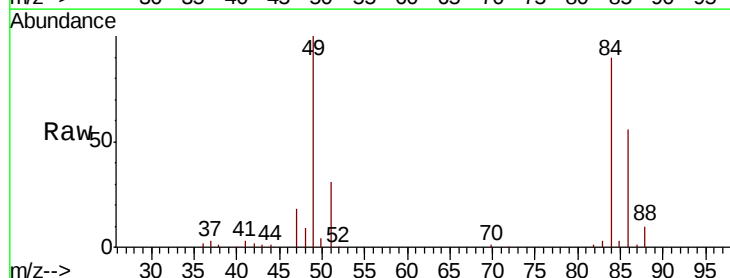
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

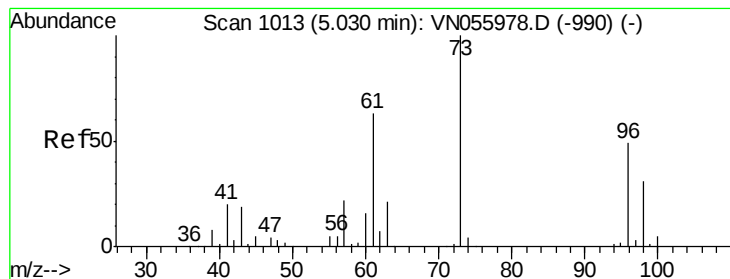
Tot Ion: 73 Resp: 419523
Ion Ratio Lower Upper
73 100
57 21.9 17.8 26.8



#20
Methylene Chloride
Concen: 54.703 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.01 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion: 84 Resp: 151924
Ion Ratio Lower Upper
84 100
49 111.3 93.5 140.3
51 34.3 28.6 43.0
86 61.9 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 53.573 ug/l

RT: 5.03 min Scan# 1012

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

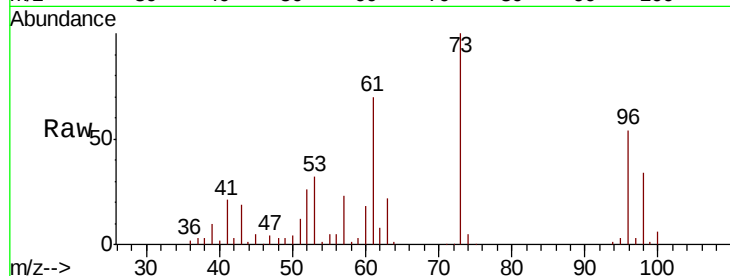
Tot Ion: 96 Resp: 136786

Ion Ratio Lower Upper

96 100

61 129.5 107.8 161.8

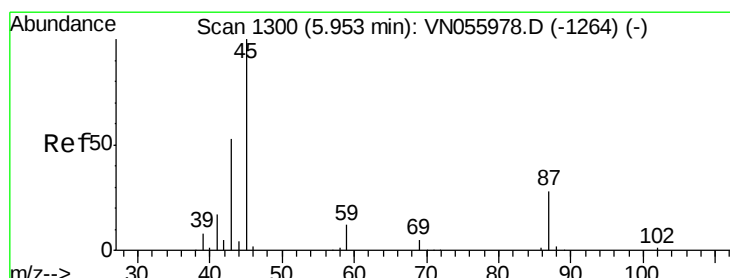
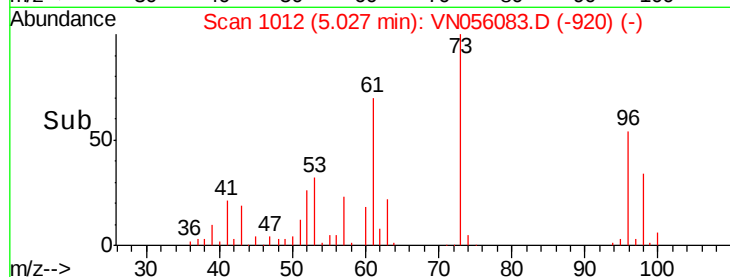
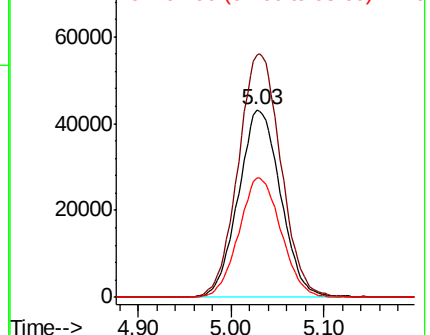
98 63.5 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VN055978.D (-990) (-)

Ion 60.90 (60.60 to 61.60): VN055978.D (-990) (-)

Ion 97.90 (97.60 to 98.60): VN055978.D (-990) (-)



#22

Diisopropyl ether

Concen: 55.042 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Tgt Ion: 45 Resp: 428141

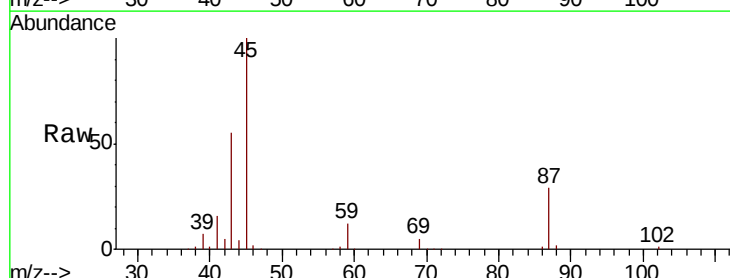
Ion Ratio Lower Upper

45 100

43 53.8 45.0 67.6

87 28.8 22.2 33.4

59 11.3 9.1 13.7

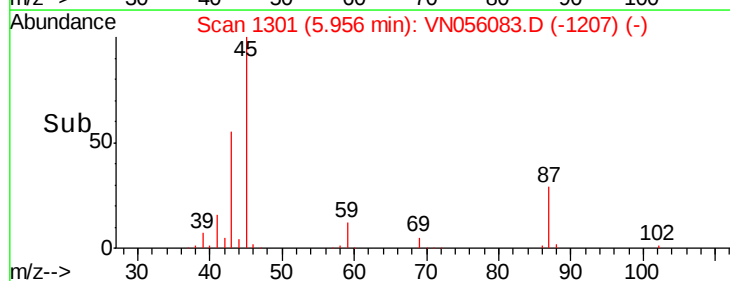
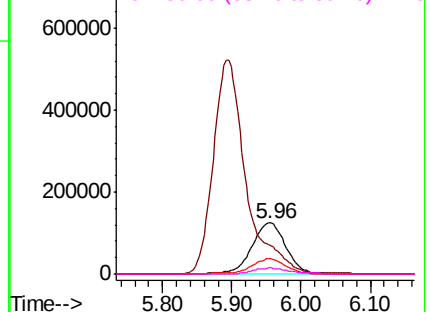


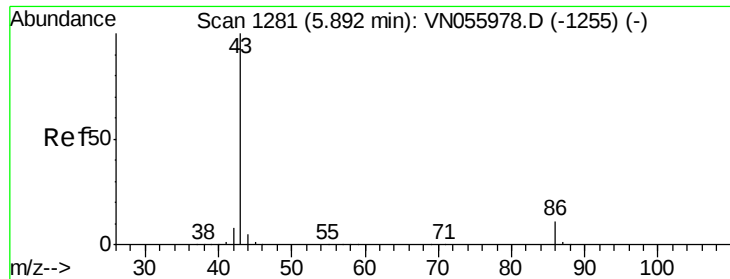
Abundance Ion 45.00 (44.70 to 45.70): VN055978.D (-1264) (-)

Ion 43.00 (42.70 to 43.70): VN055978.D (-1264) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1264) (-)

Ion 59.00 (58.70 to 59.70): VN055978.D (-1264) (-)





#23

Vinyl Acetate

Concen: 279.917 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

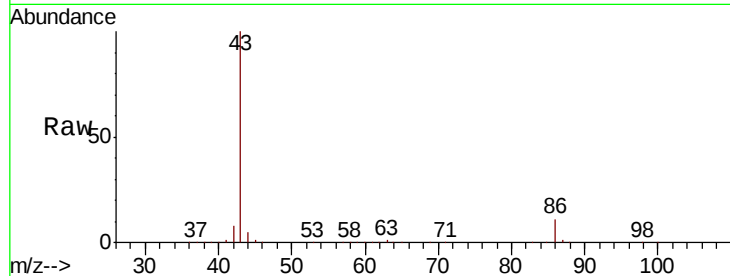
VSTDCCC050EC

Tot Ion: 43 Resp: 1714639

Ion Ratio Lower Upper

43 100

86 11.0 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1255) (-)

Ion 86.00 (85.70 to 86.70): VN055978.D (-1255) (-)

5.89

600000

500000

400000

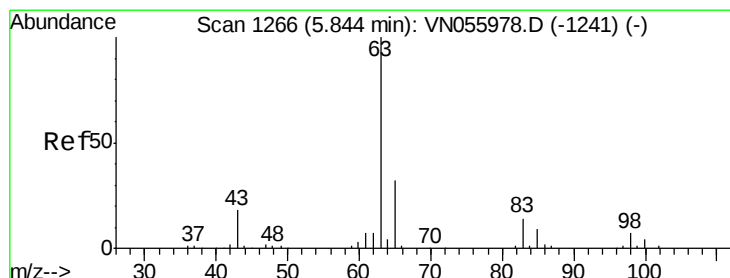
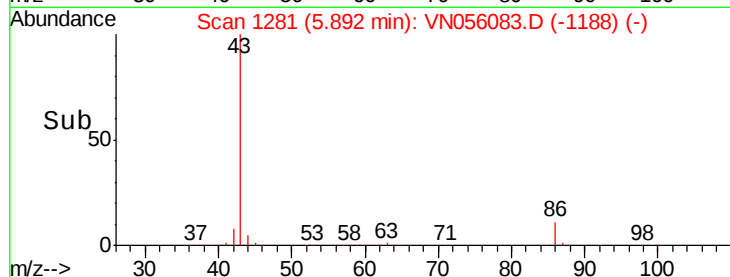
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 55.286 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

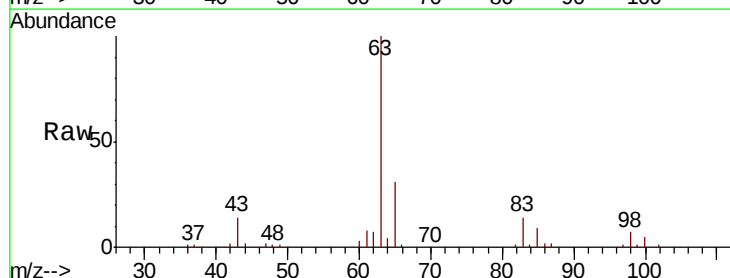
Tgt Ion: 63 Resp: 248063

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

100 4.6 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN055978.D (-1241) (-)

Ion 97.90 (97.60 to 98.60): VN055978.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN055978.D (-1241) (-)

100000

80000

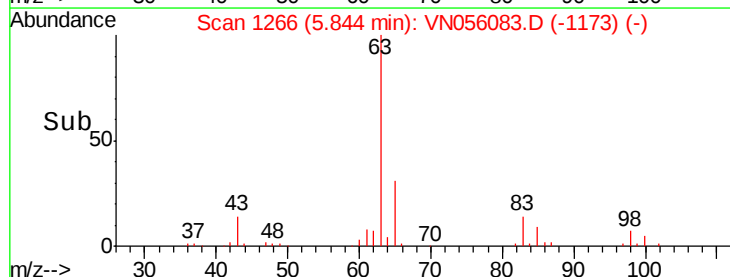
60000

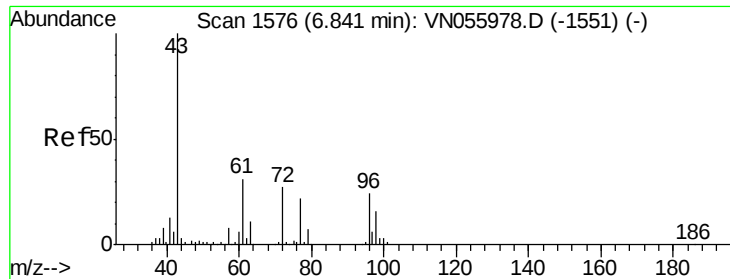
40000

20000

0

Time-->





#25

2-Butanone

Concen: 278.684 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

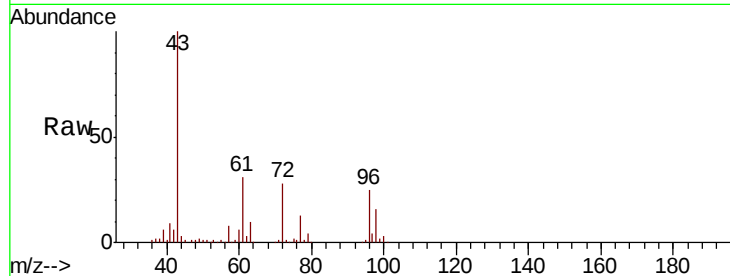
VSTDCCC050EC

Tot Ion: 43 Resp: 474647

Ion Ratio Lower Upper

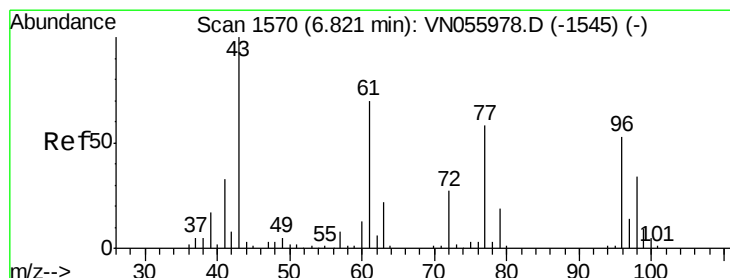
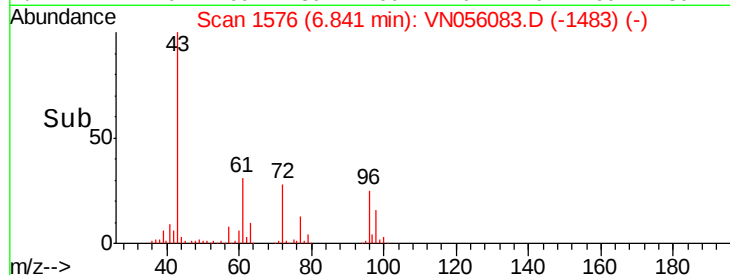
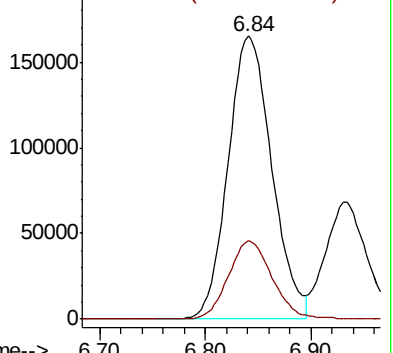
43 100

72 27.7 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 29.205 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN056083.D

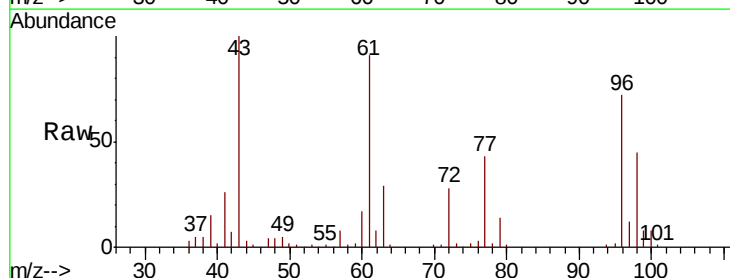
Acq: 7 Jun 2019 7:39

Tgt Ion: 77 Resp: 102251

Ion Ratio Lower Upper

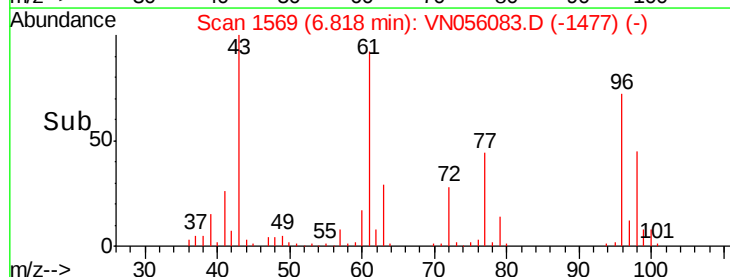
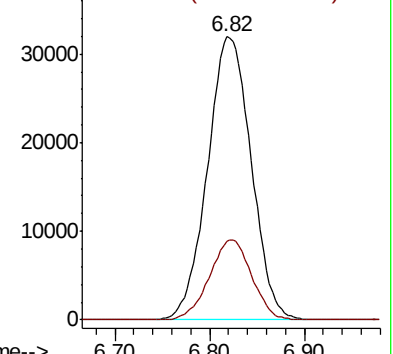
77 100

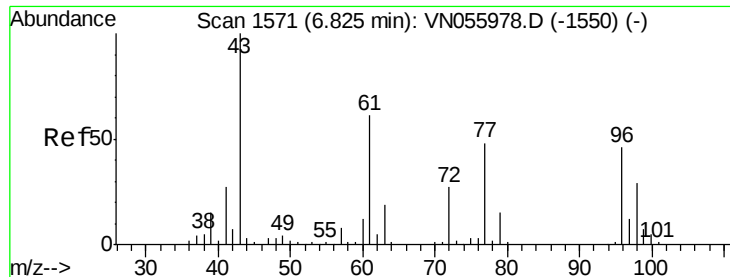
97 27.2 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 54.327 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

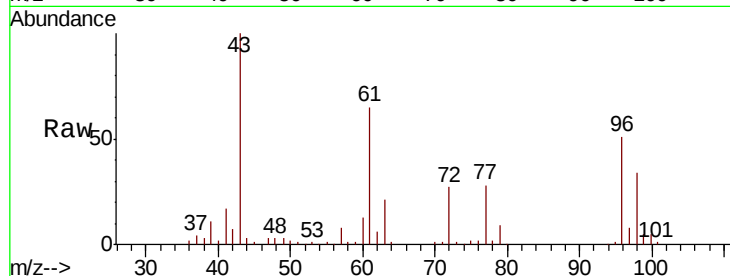
Tot Ion: 96 Resp: 163051

Ion Ratio Lower Upper

96 100

61 127.3 0.0 275.8

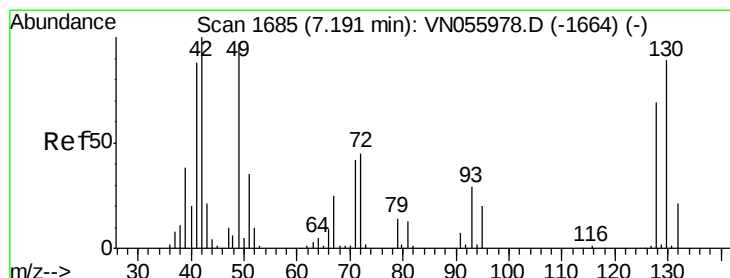
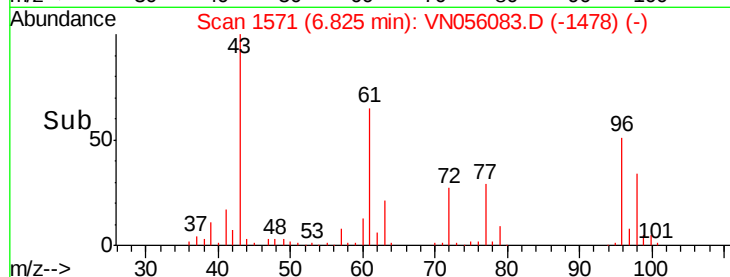
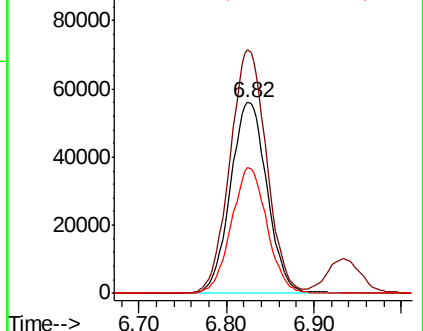
98 63.8 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN055978.D (-1550) (-)

Ion 60.90 (60.60 to 61.60): VN055978.D (-1550) (-)

Ion 97.90 (97.60 to 98.60): VN055978.D (-1550) (-)



#28

Bromochloromethane

Concen: 55.052 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

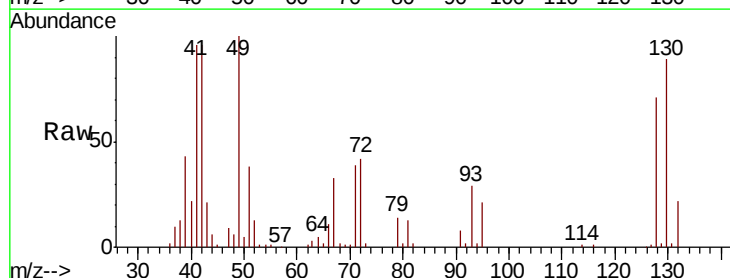
Tgt Ion: 49 Resp: 116813

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

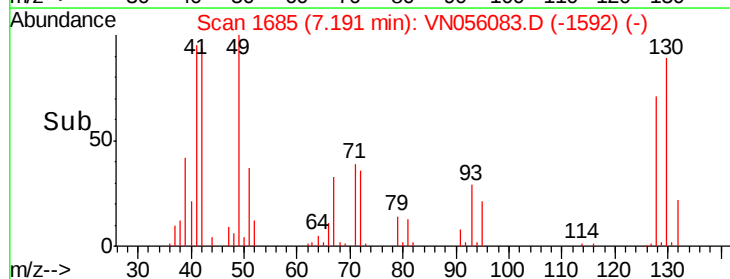
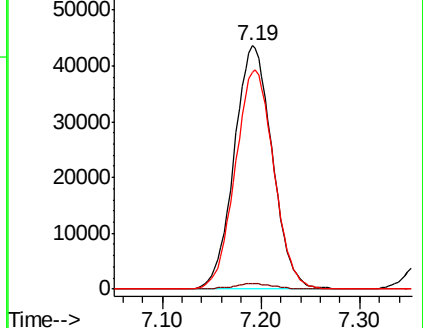
130 90.8 71.2 106.8

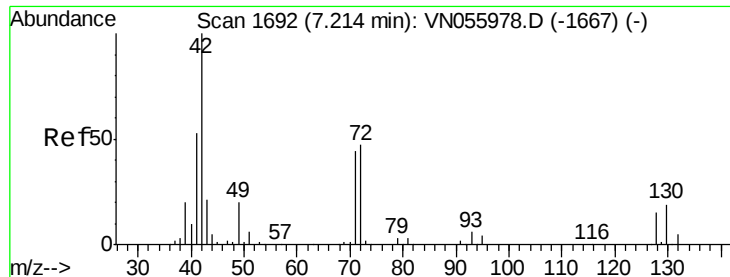


Abundance Ion 48.90 (48.60 to 49.60): VN055978.D (-1664) (-)

Ion 128.80 (128.50 to 129.50): VN055978.D (-1664) (-)

Ion 129.80 (129.50 to 130.50): VN055978.D (-1664) (-)

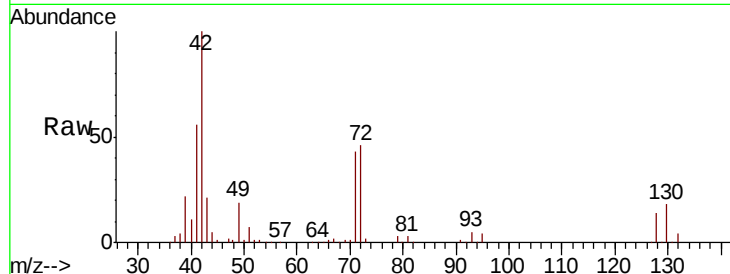




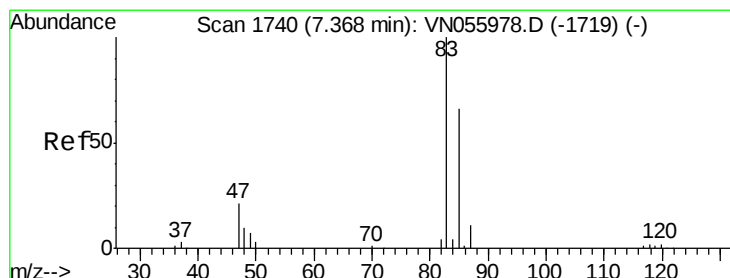
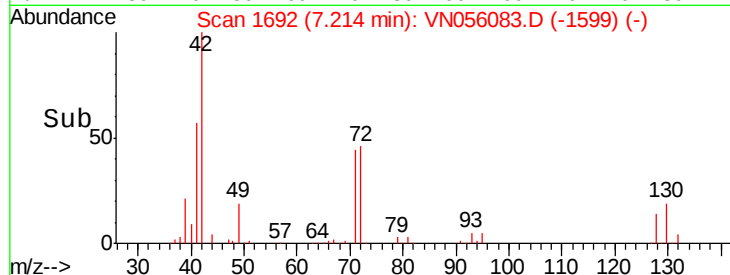
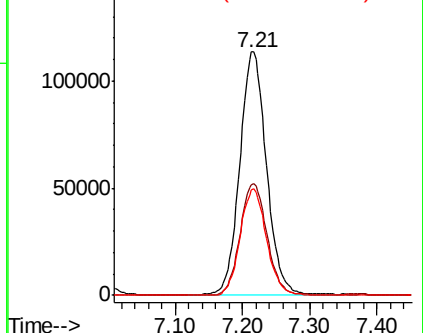
#29
Tetrahydrofuran
Concen: 299.509 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 315323
Ion Ratio Lower Upper
42 100
72 46.0 35.9 53.9
71 42.8 34.0 51.0

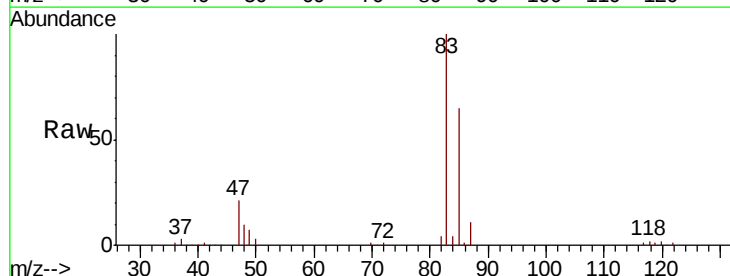


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

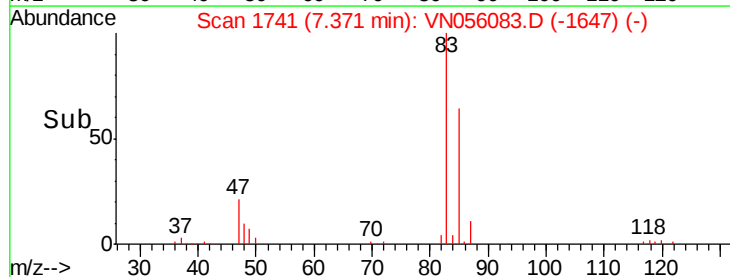
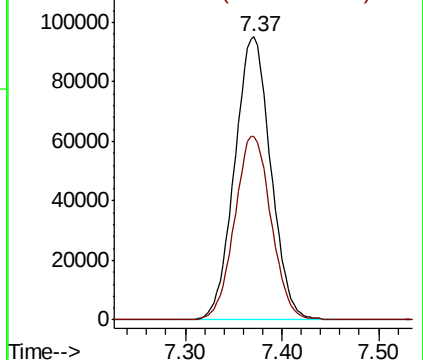


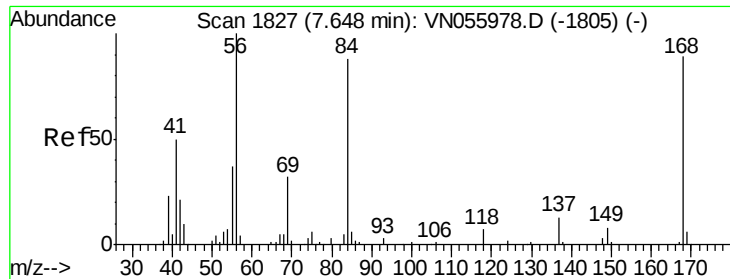
#30
Chloroform
Concen: 54.666 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion: 83 Resp: 246742
Ion Ratio Lower Upper
83 100
85 64.6 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

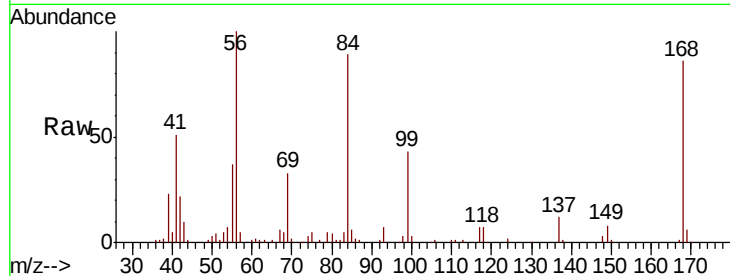




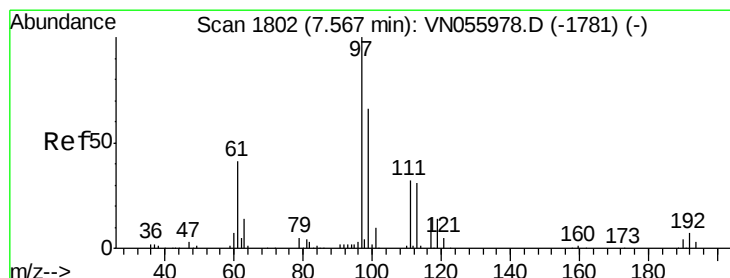
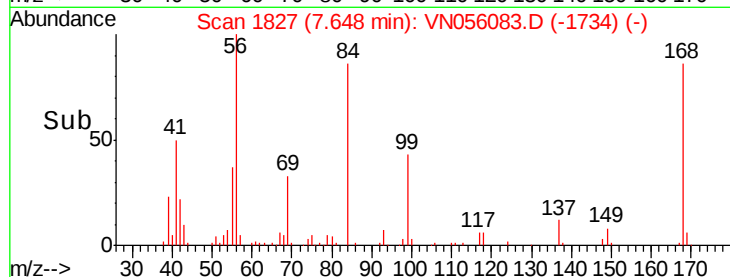
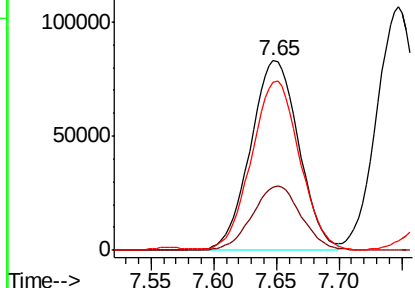
#31
Cyclohexane
Concen: 49.898 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 223165
Ion Ratio Lower Upper
56 100
69 33.2 25.6 38.4
84 87.6 67.4 101.0

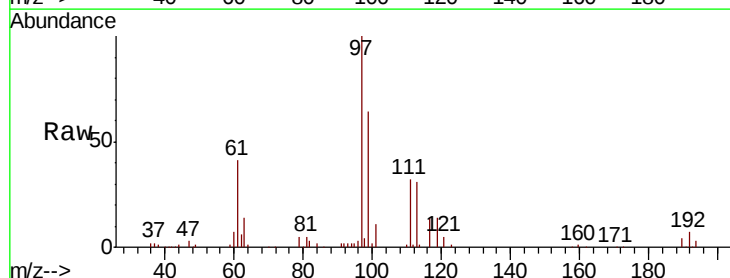


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

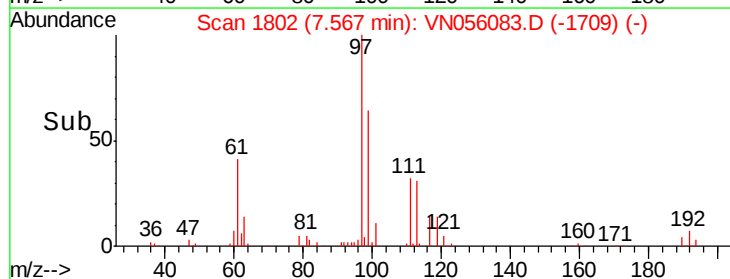
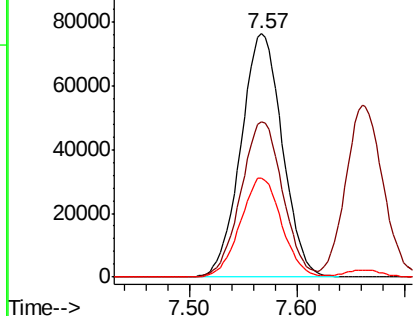


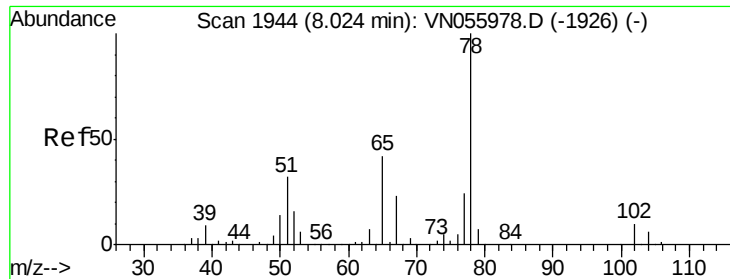
#32
1,1,1-Trichloroethane
Concen: 54.134 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion: 97 Resp: 204041
Ion Ratio Lower Upper
97 100
99 64.3 52.0 78.0
61 40.5 32.9 49.3



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

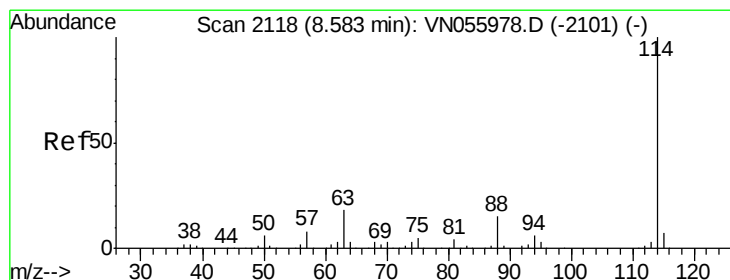
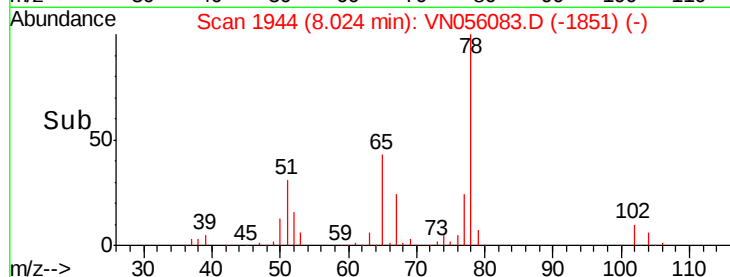
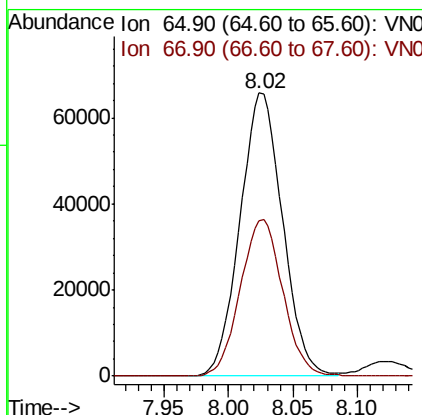
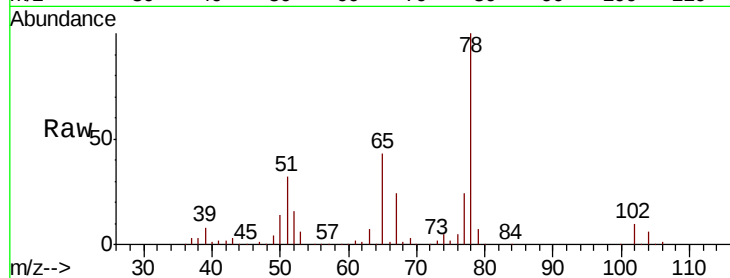




#33
 1,2-Dichloroethane-d4
 Concen: 53.754 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

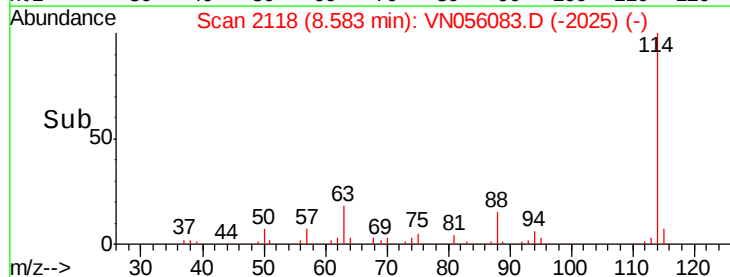
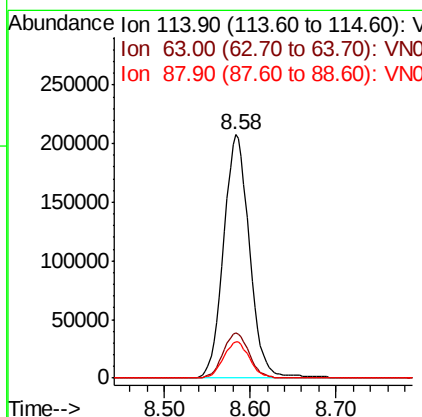
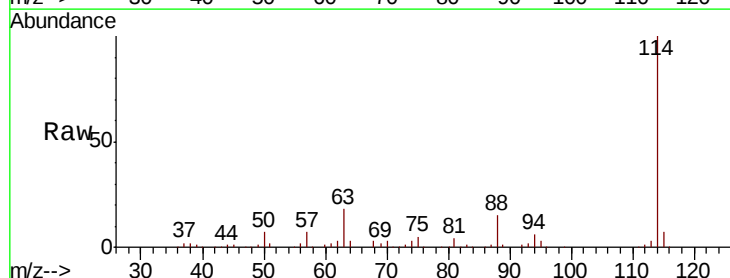
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

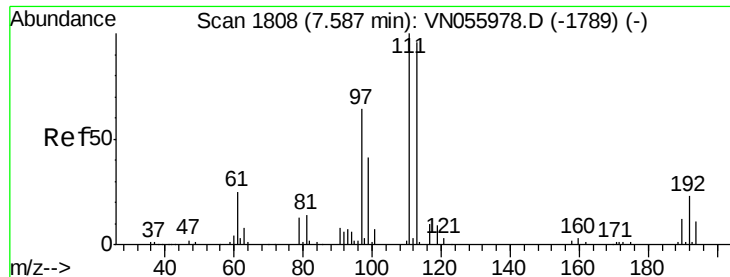
Tot Ion: 65 Resp: 151508
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Tgt Ion: 114 Resp: 435976
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.2
 88 14.9 0.0 31.0

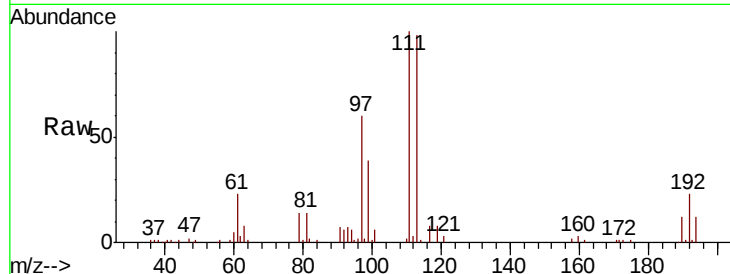




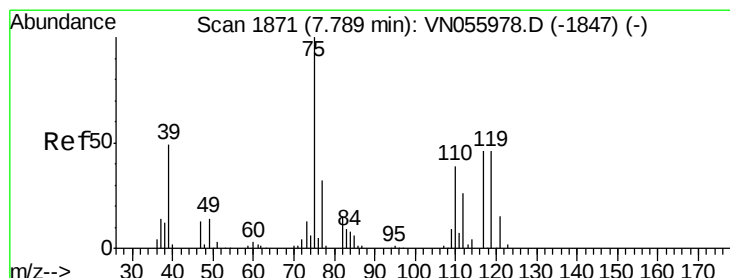
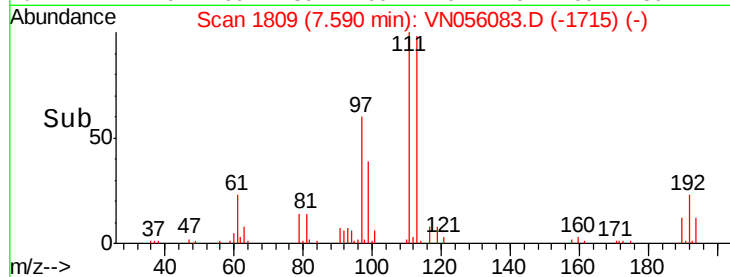
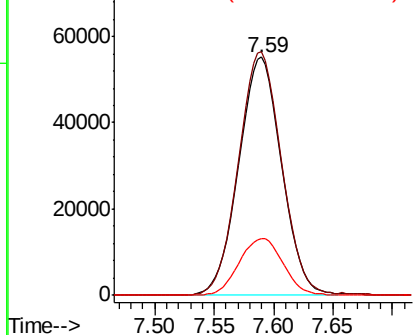
#35
 Dibromofluoromethane
 Concen: 51.472 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 137679
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.9 122.9
 192 24.4 19.5 29.3

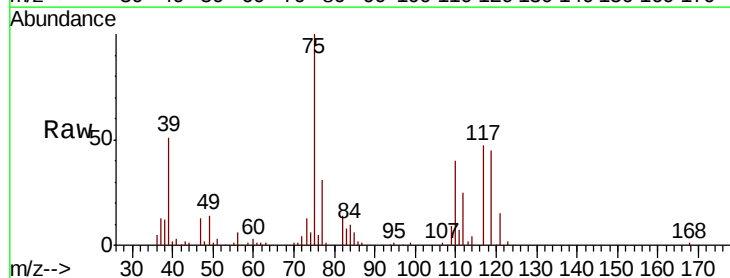


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

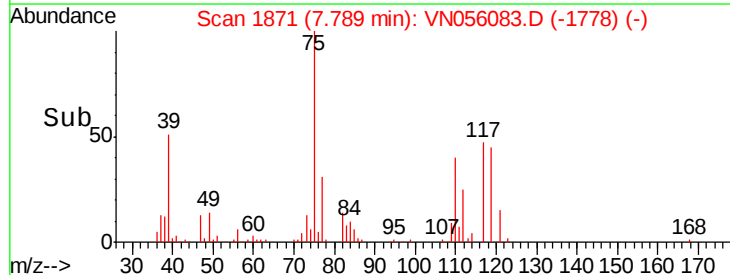
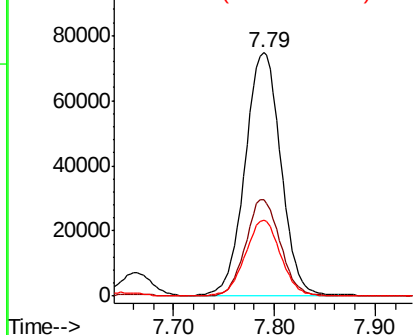


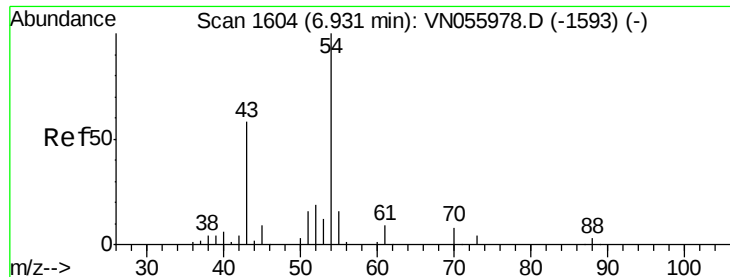
#36
 1,1-Dichloropropene
 Concen: 48.659 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Tgt Ion: 75 Resp: 182413
 Ion Ratio Lower Upper
 75 100
 110 38.6 19.0 57.0
 77 31.2 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VNO

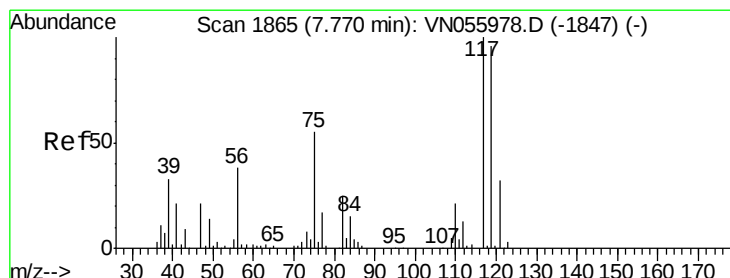
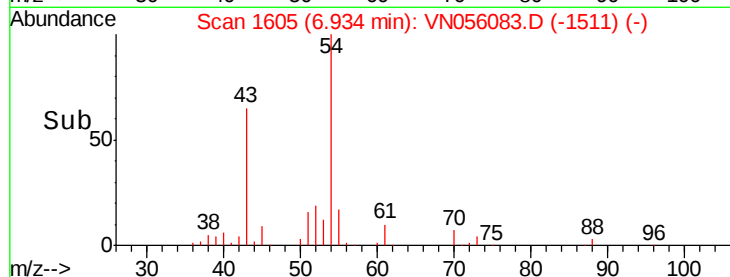
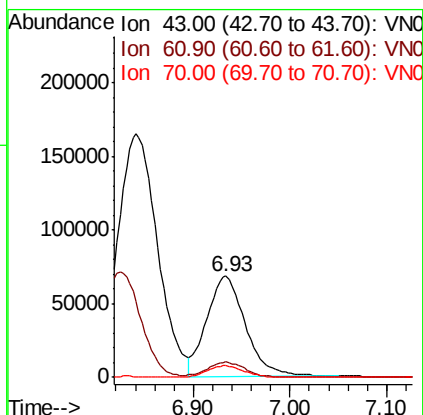
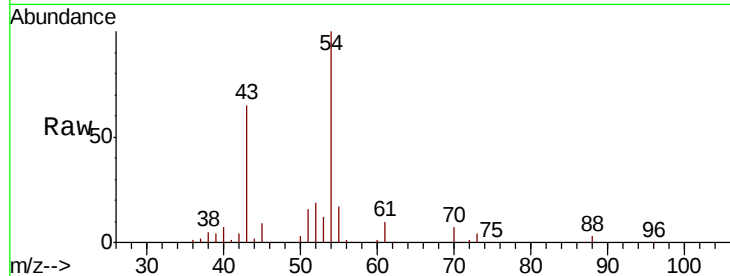




#37
Ethyl Acetate
Concen: 56.859 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

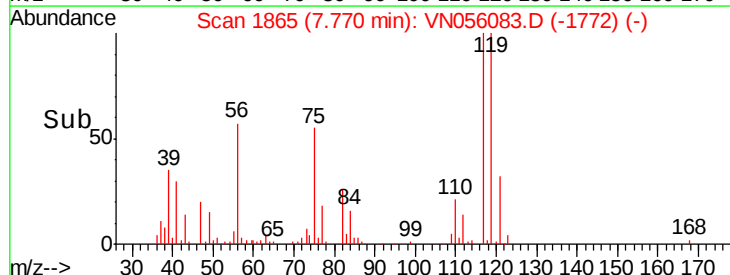
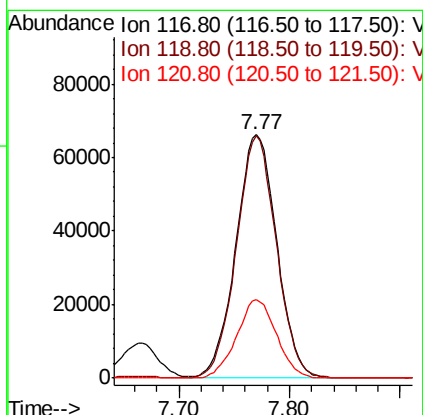
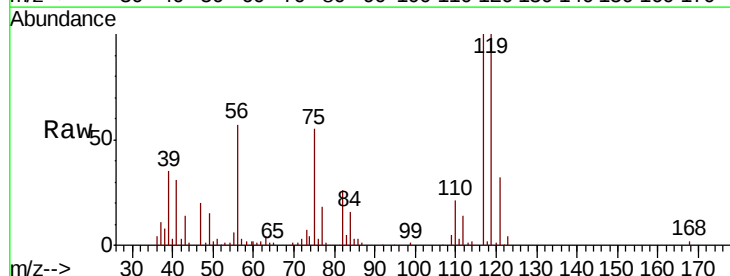
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

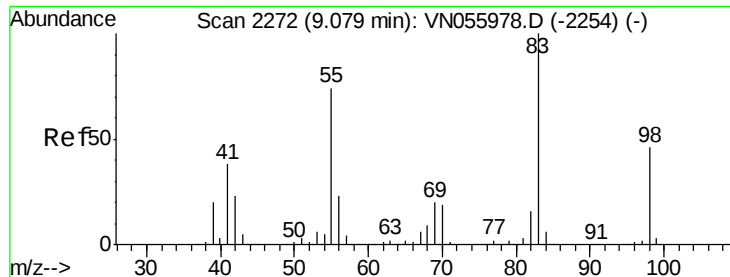
Tot Ion: 43 Resp: 189655
Ion Ratio Lower Upper
43 100
61 14.4 12.2 18.2
70 10.9 8.9 13.3



#38
Carbon Tetrachloride
Concen: 49.361 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion: 117 Resp: 170600
Ion Ratio Lower Upper
117 100
119 99.6 79.0 118.6
121 32.0 24.7 37.1

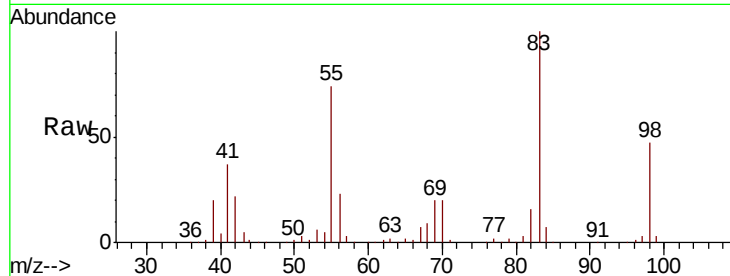




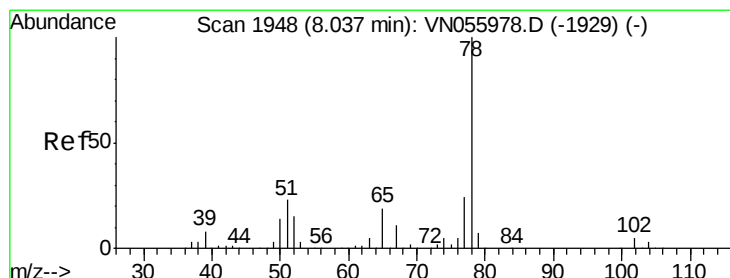
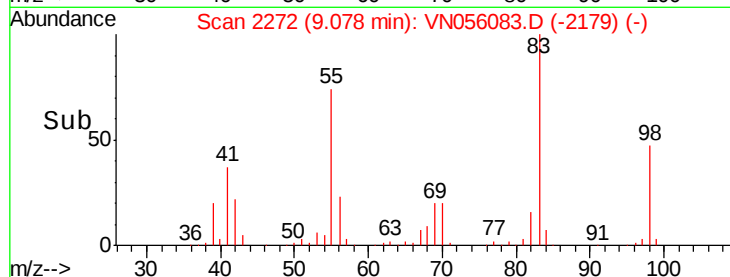
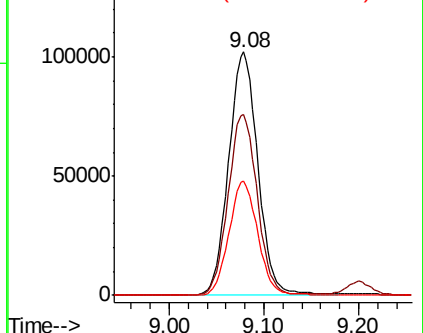
#39
Methvlcvclohexane
Concen: 47.082 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 219868
Ion Ratio Lower Upper
83 100
55 74.1 59.3 88.9
98 47.2 36.6 54.8

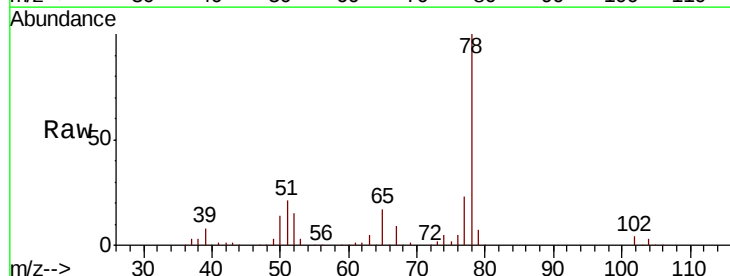


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

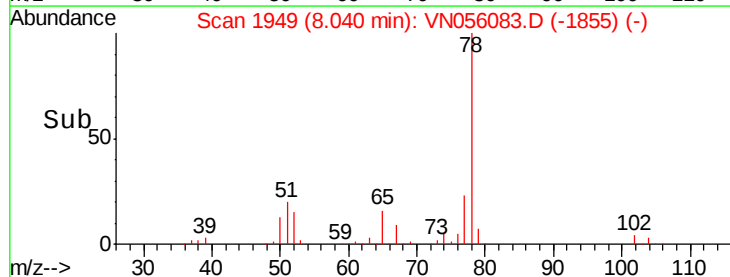
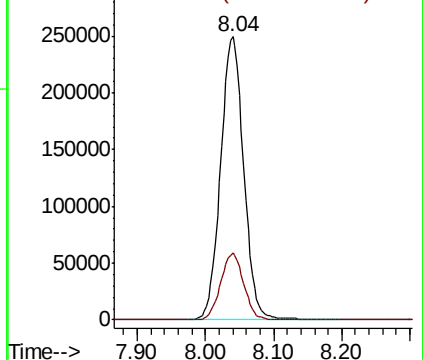


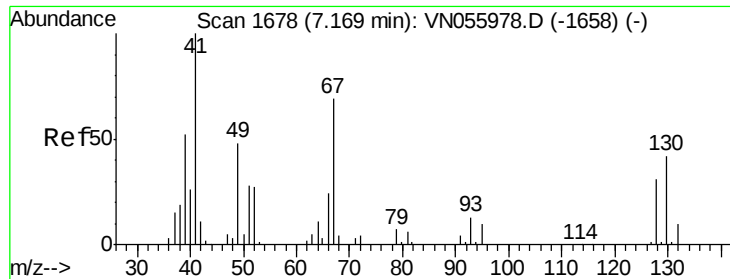
#40
Benzene
Concen: 51.549 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion: 78 Resp: 586937
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

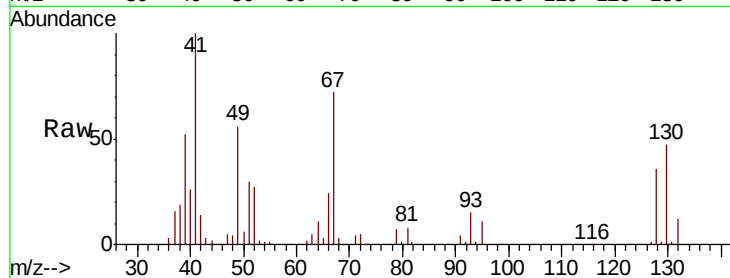




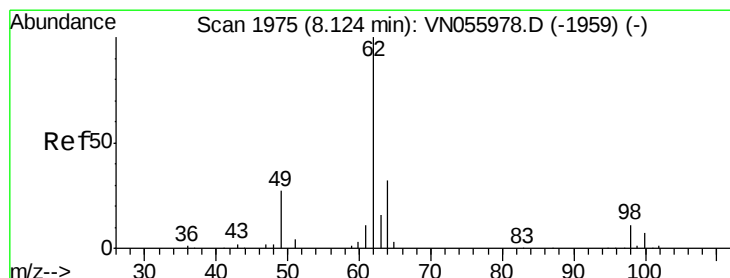
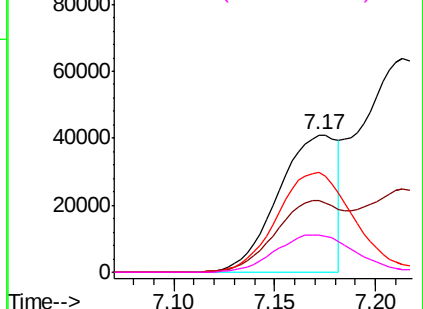
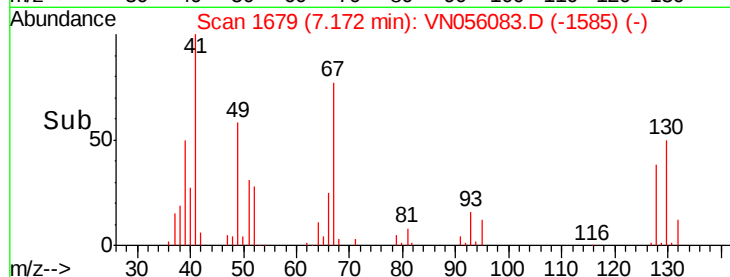
#41
Methacrylonitrile
Concen: 54.388 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 83467
Ion Ratio Lower Upper
41 100
39 61.5 45.6 68.4
67 95.9 67.7 101.5
52 37.2 26.6 40.0

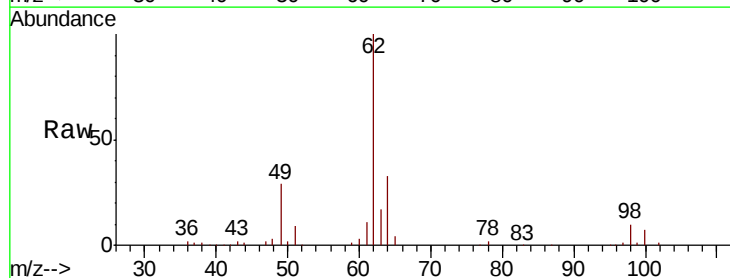


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

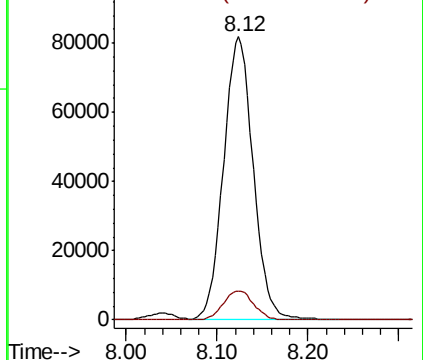
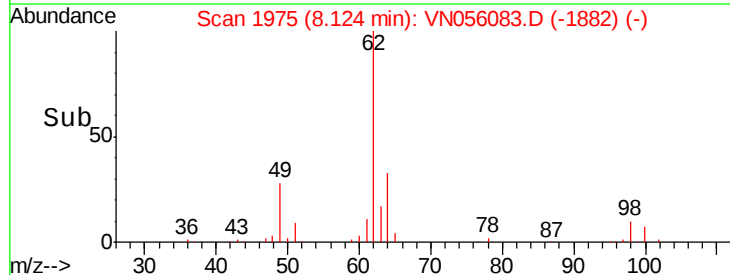


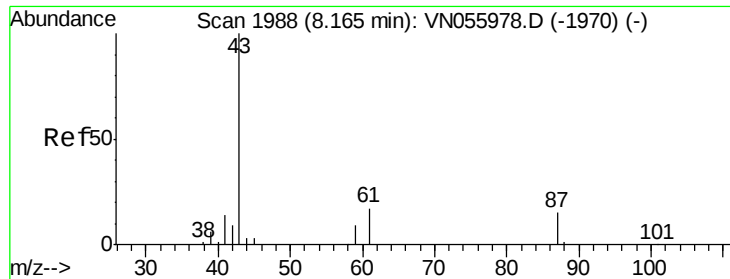
#42
1,2-Dichloroethane
Concen: 50.322 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion: 62 Resp: 184301
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.2



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





#43

Isopropyl Acetate

Concen: 53.759 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

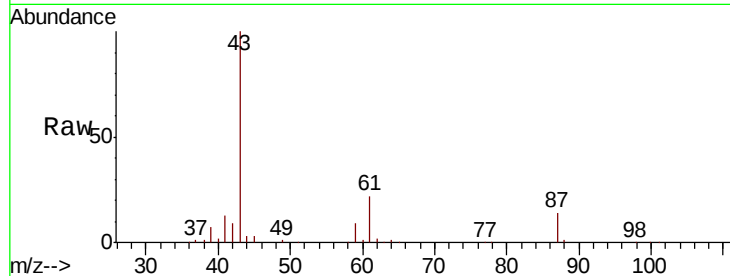
Tot Ion: 43 Resp: 290570

Ion Ratio Lower Upper

43 100

61 22.2 22.2 33.4#

87 14.7 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055978.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1970) (-)

8.17

150000

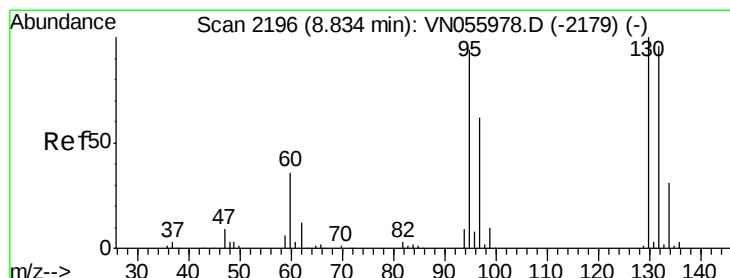
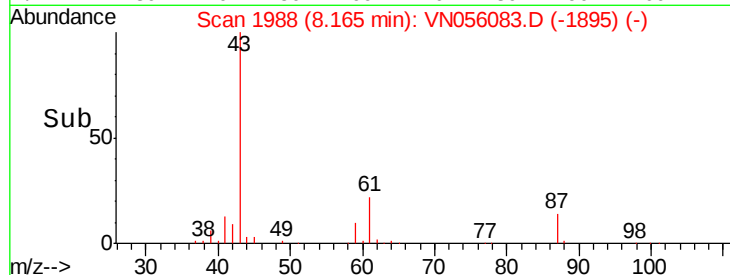
100000

50000

0

8.10 8.15 8.20 8.25

Time-->



#44

Trichloroethene

Concen: 49.787 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN056083.D

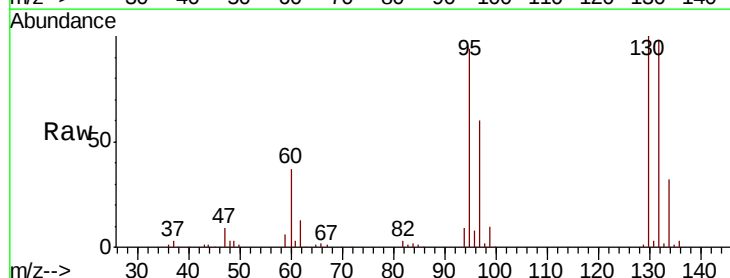
Acq: 7 Jun 2019 7:39

Tgt Ion:130 Resp: 162889

Ion Ratio Lower Upper

130 100

95 93.9 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055978.D (-2179) (-)

8.83

80000

60000

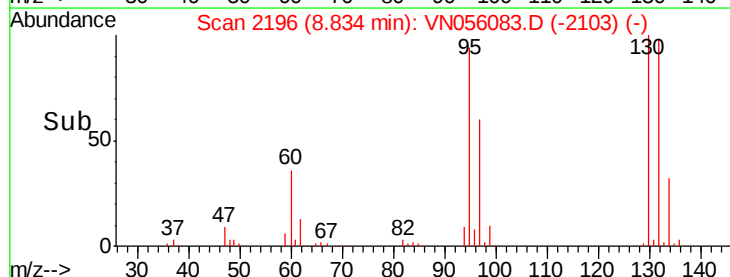
40000

20000

0

8.80 8.90 9.00

Time-->

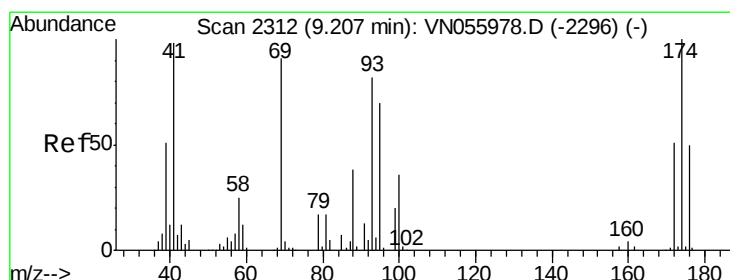
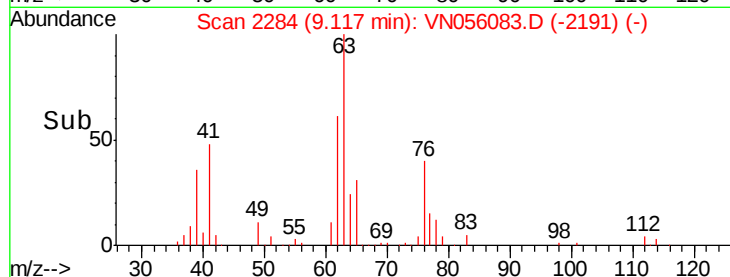
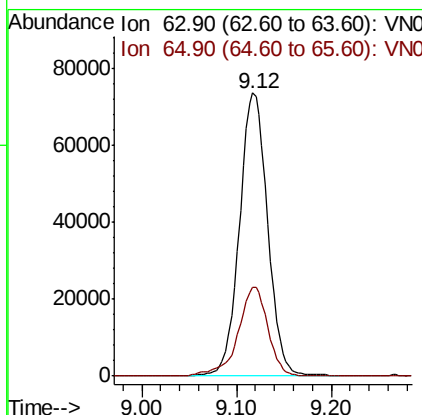
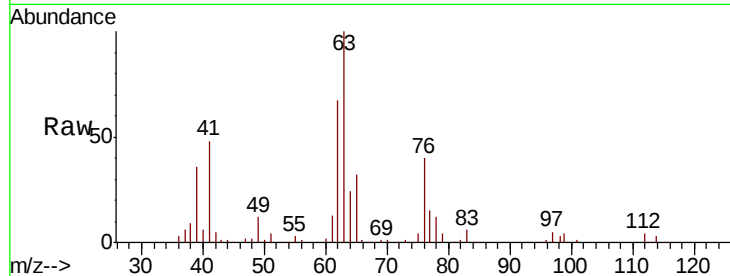




#45
 1,2-Dichloropropane
 Concen: 52.476 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

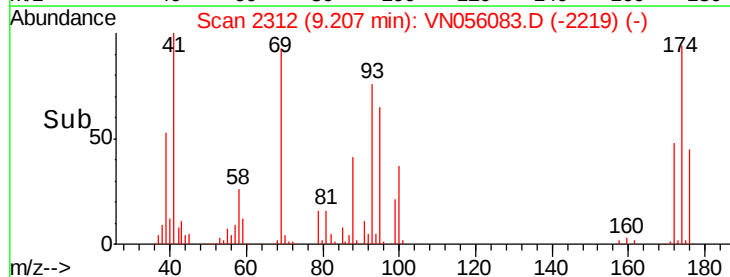
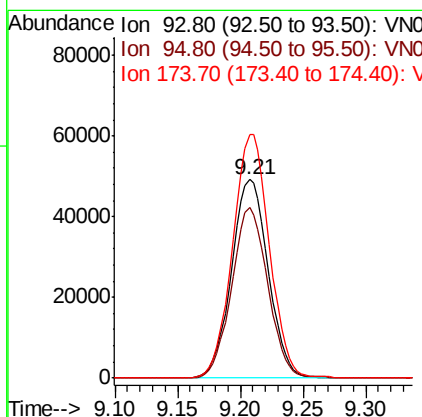
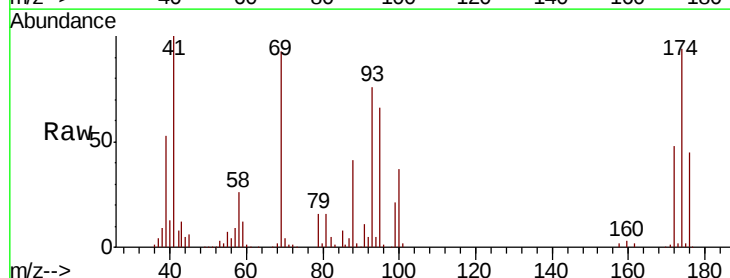
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 153041
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.6 36.8



#46
 Dibromomethane
 Concen: 52.525 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Tgt Ion: 93 Resp: 100171
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.7 100.1
 174 123.0 96.4 144.6





#47

Bromodichloromethane

Concen: 52.247 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

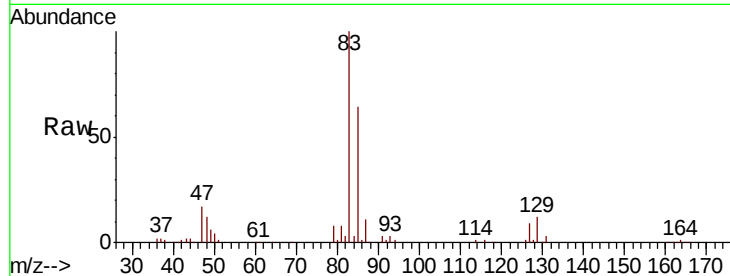
Tot Ion: 83 Resp: 180592

Ion Ratio Lower Upper

83 100

85 63.8 52.2 78.2

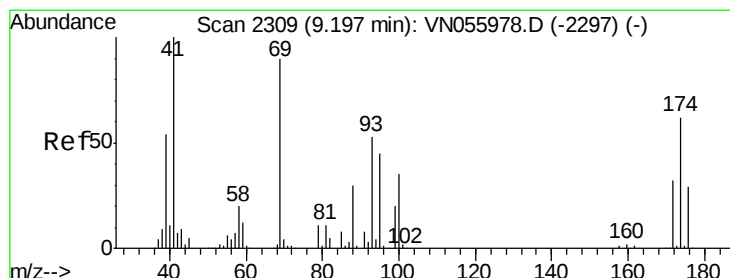
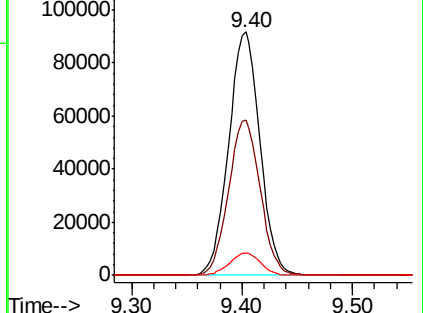
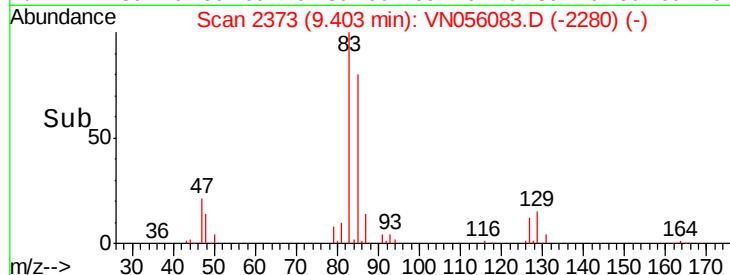
127 9.2 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN056083.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN056083.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN056083.D (-2280) (-)



#48

Methyl methacrylate

Concen: 54.983 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

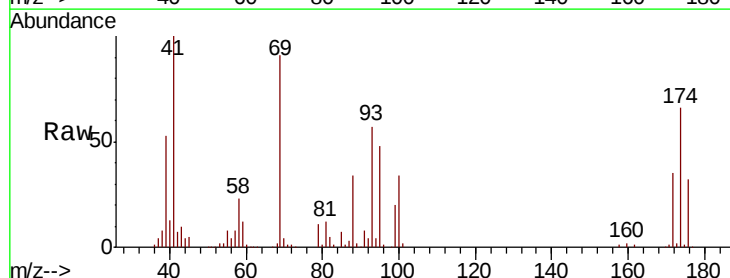
Tgt Ion: 41 Resp: 145392

Ion Ratio Lower Upper

41 100

69 93.2 71.0 106.6

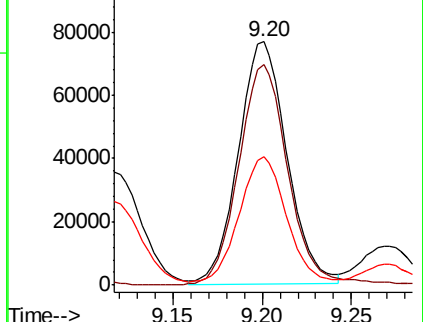
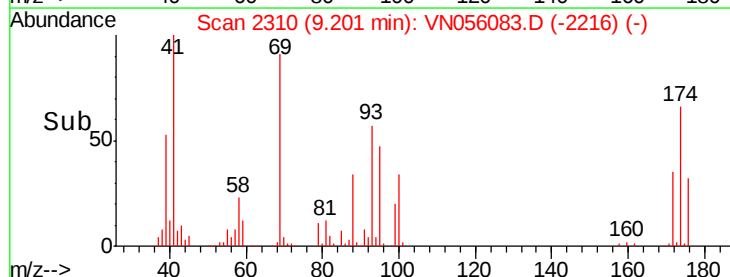
39 52.1 44.2 66.2

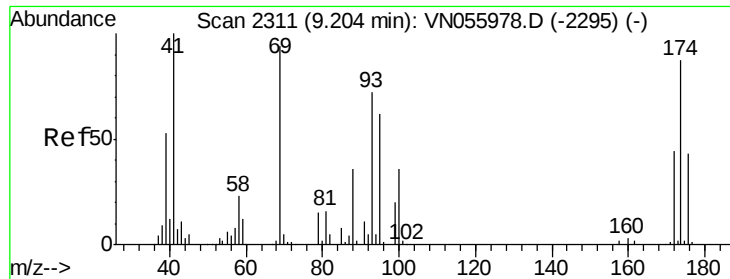


Abundance Ion 41.00 (40.70 to 41.70): VN056083.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN056083.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN056083.D (-2216) (-)

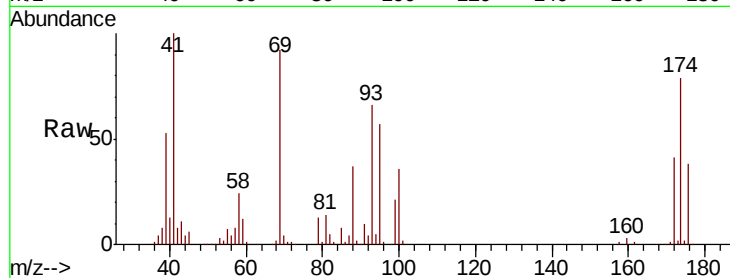




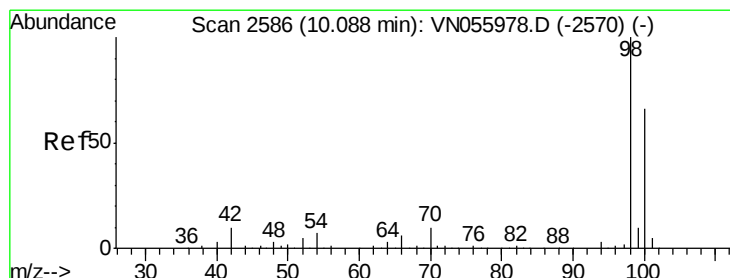
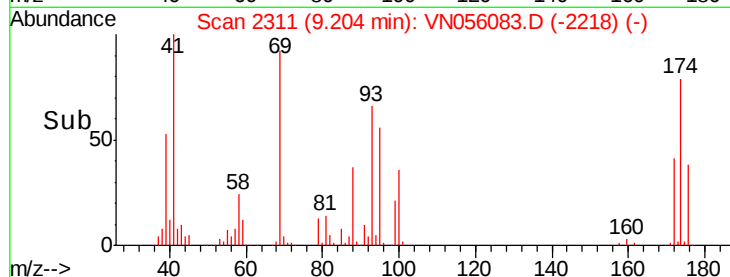
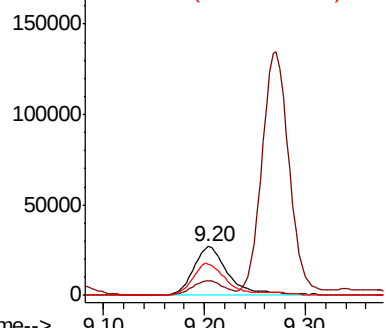
#49
1,4-Dioxane
Concen: 1143.624 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 65287
Ion Ratio Lower Upper
88 100
43 25.0 20.5 30.7
58 63.5 55.8 83.6

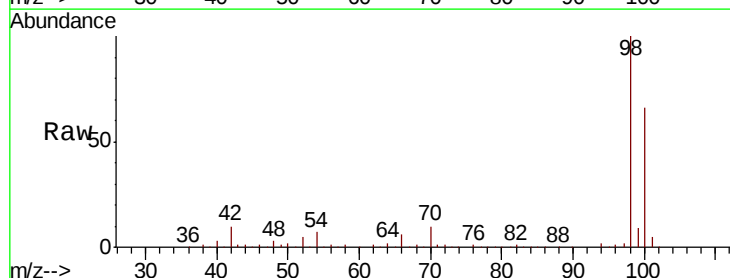


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

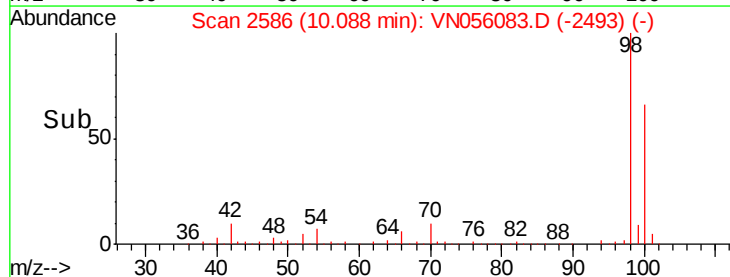
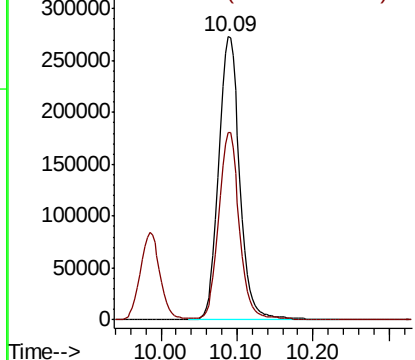


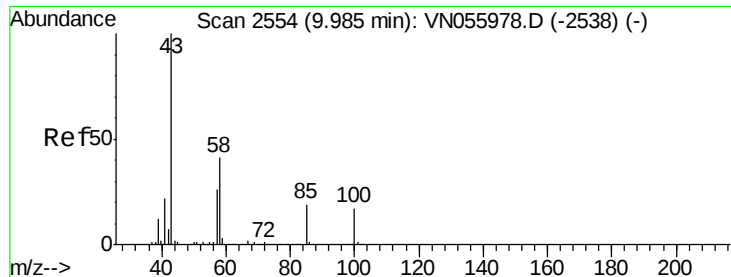
#50
Toluene-d8
Concen: 51.100 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion: 98 Resp: 525970
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



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





#51

4-Methyl-2-Pentanone

Concen: 279.737 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

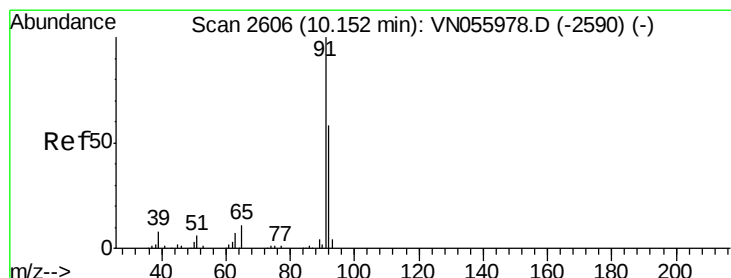
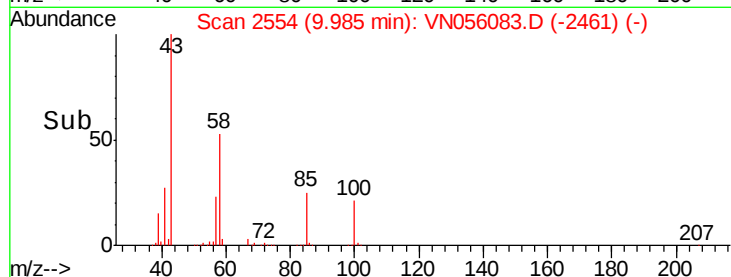
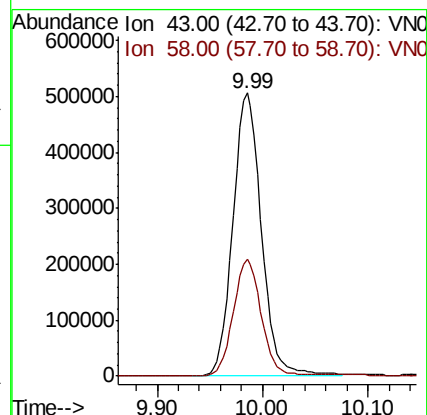
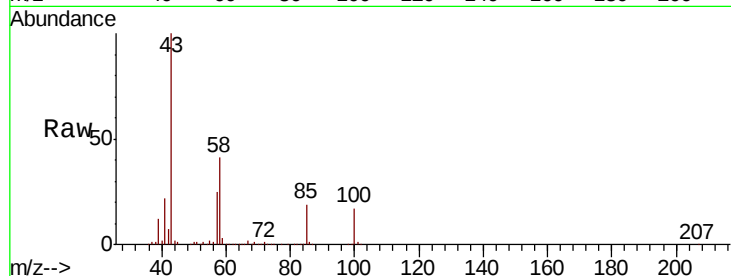
VSTDCCC050EC

Tot Ion: 43 Resp: 945533

Ion Ratio Lower Upper

43 100

58 40.8 32.1 48.1



#52

Toluene

Concen: 51.613 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056083.D

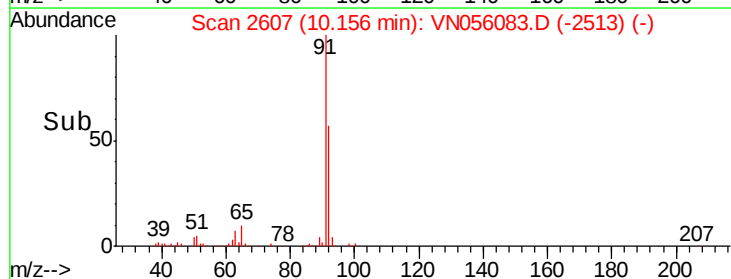
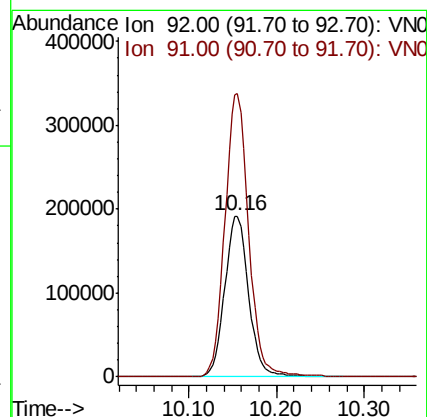
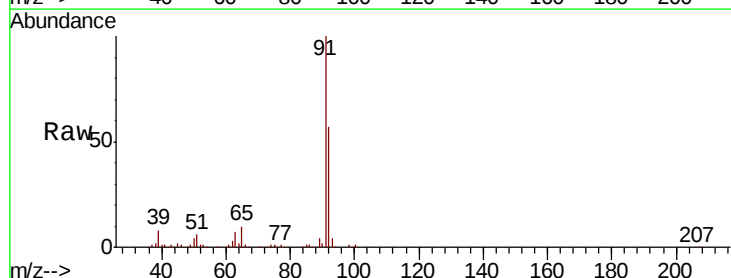
Acq: 7 Jun 2019 7:39

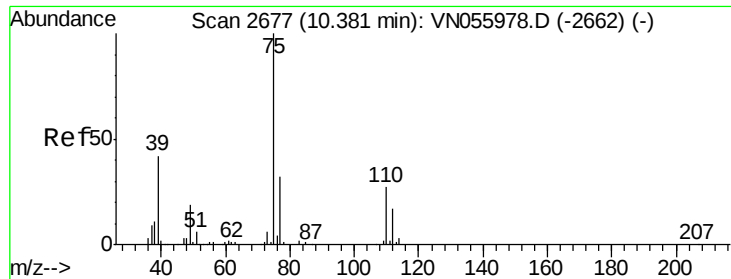
Tgt Ion: 92 Resp: 365680

Ion Ratio Lower Upper

92 100

91 174.5 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 43.457 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

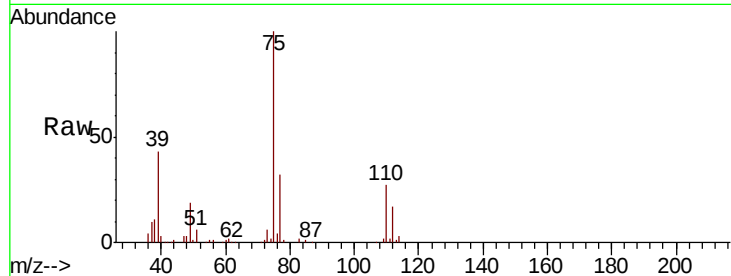
VSTDCCC050EC

Tot Ion: 75 Resp: 174774

Ion Ratio Lower Upper

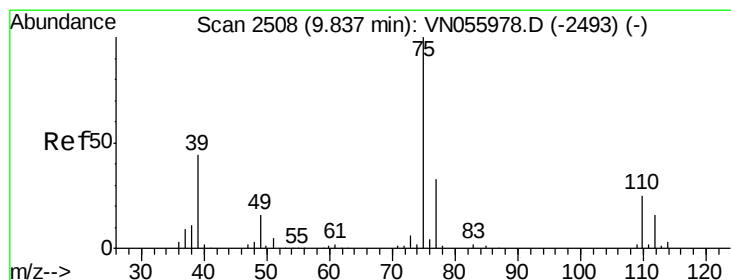
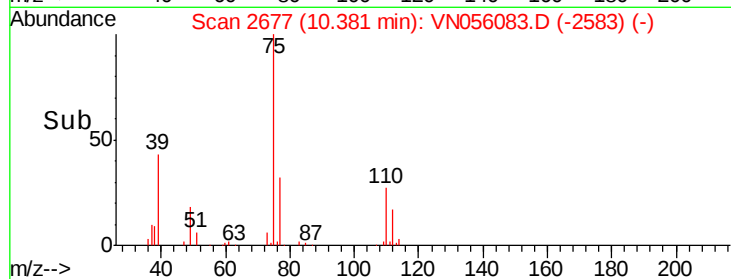
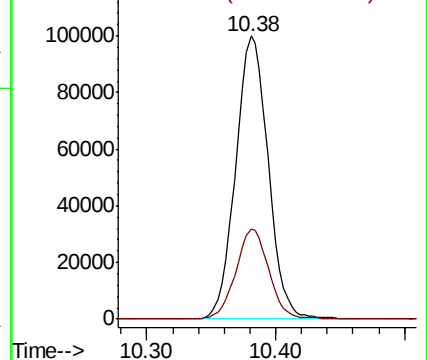
75 100

77 31.6 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 49.792 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

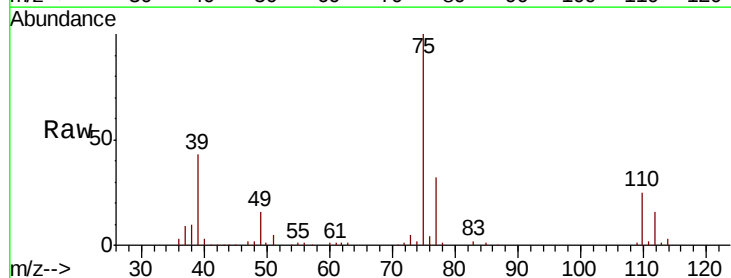
Tgt Ion: 75 Resp: 206872

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0

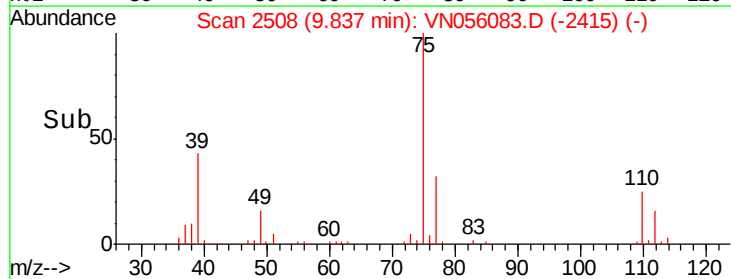
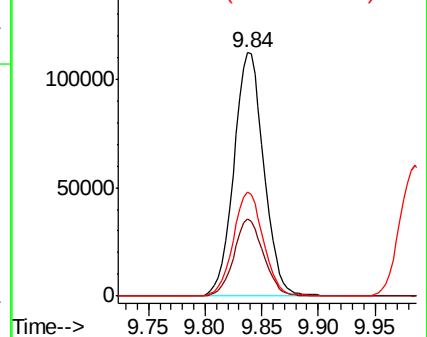
39 42.6 36.3 54.5



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





#55

1,1,2-Trichloroethane

Concen: 52.779 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 148125

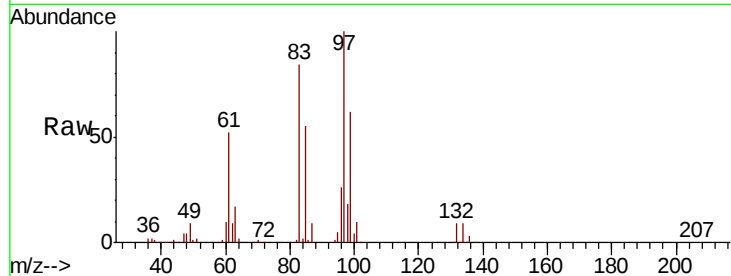
Ion Ratio Lower Upper

97 100

83 83.7 67.0 100.6

85 55.1 44.0 66.0

99 61.7 50.6 75.8

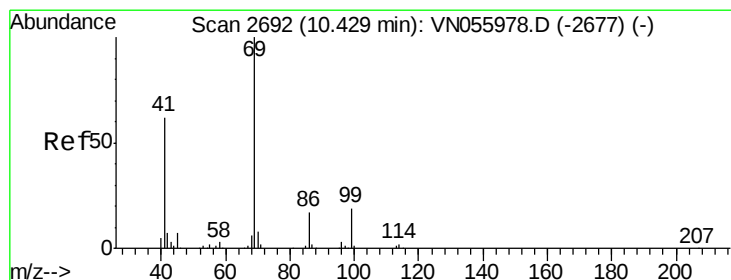
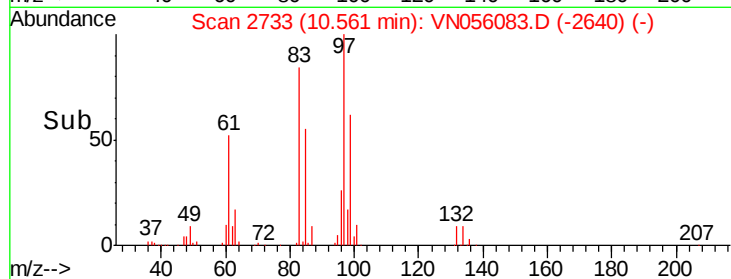
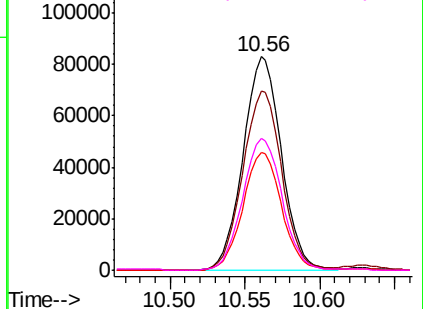


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 55.176 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

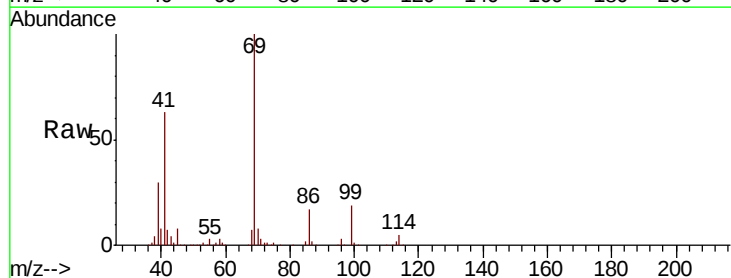
Tgt Ion: 69 Resp: 225909

Ion Ratio Lower Upper

69 100

41 61.6 49.7 74.5

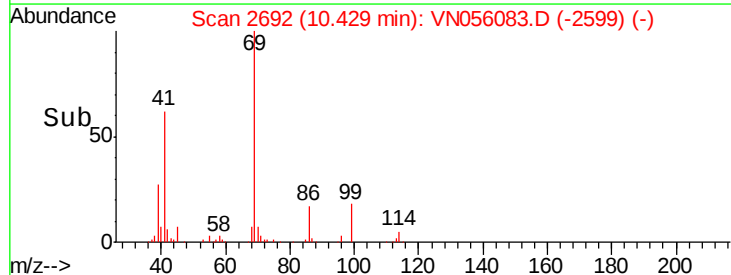
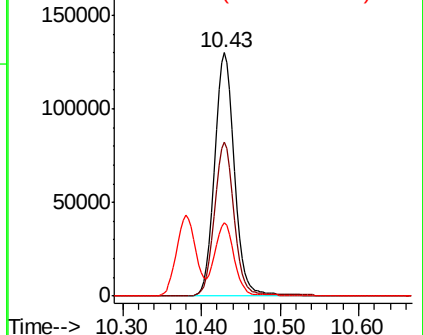
39 28.6 24.7 37.1

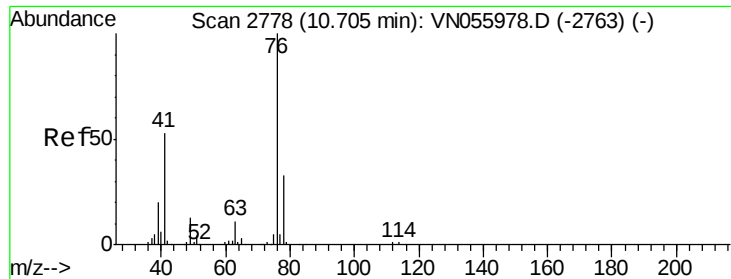


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 52.641 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

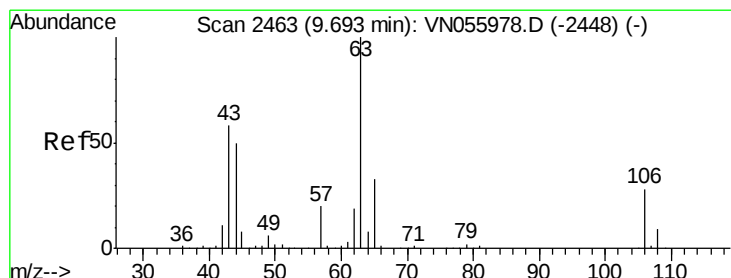
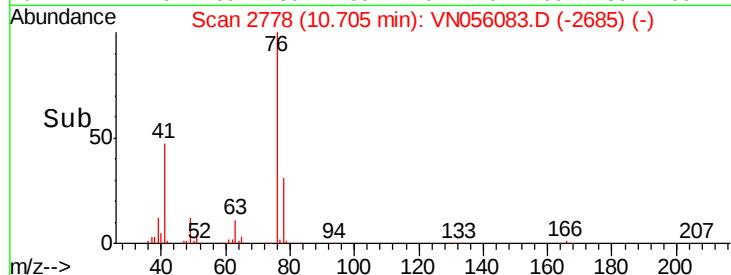
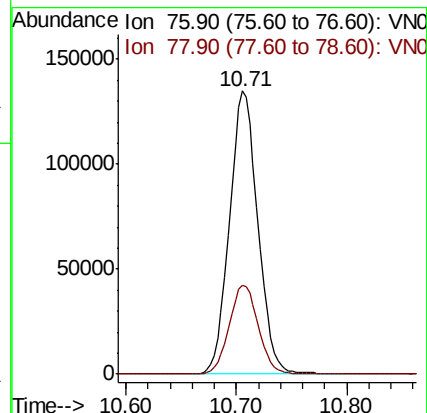
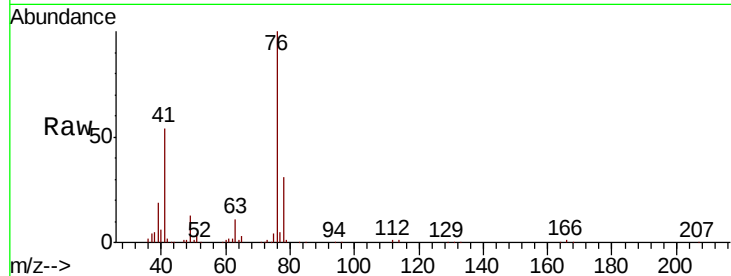
VSTDCCC050EC

Tot Ion: 76 Resp: 240167

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 247.987 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN056083.D

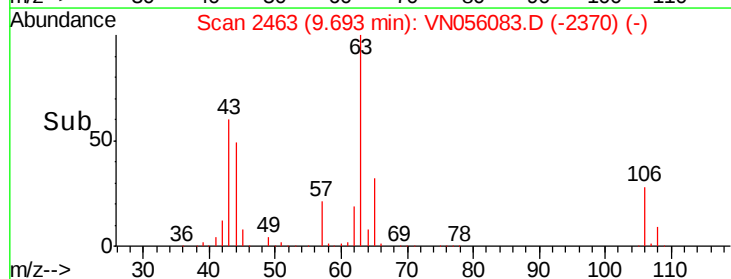
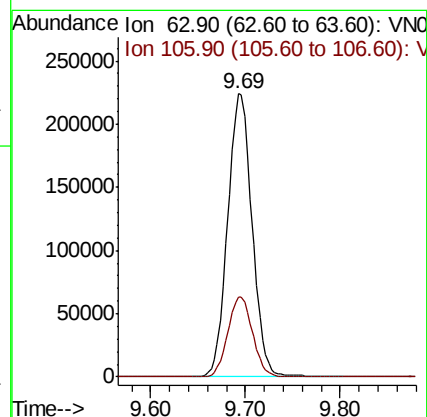
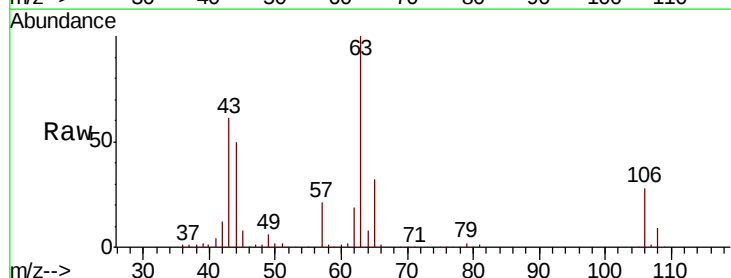
Acq: 7 Jun 2019 7:39

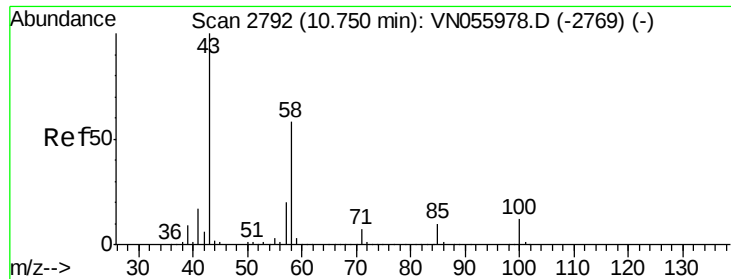
Tgt Ion: 63 Resp: 402363

Ion Ratio Lower Upper

63 100

106 28.5 22.7 34.1

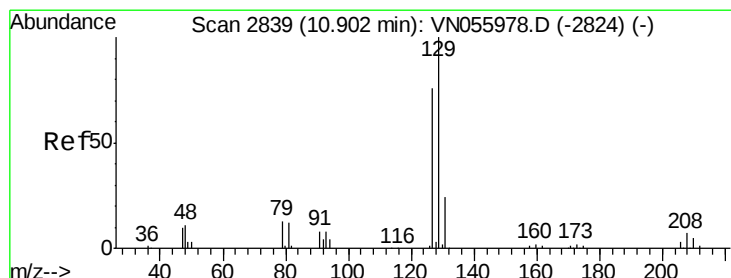
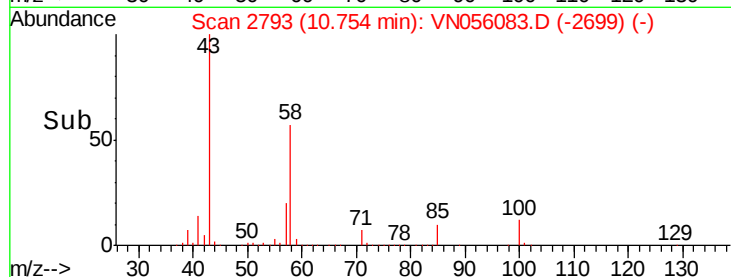
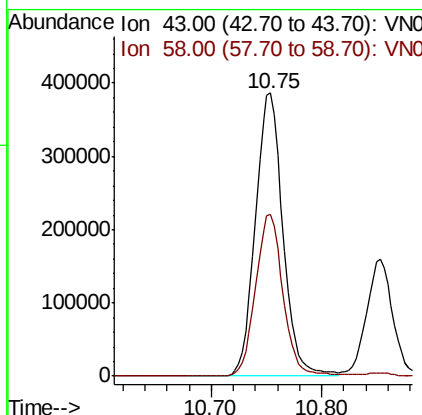
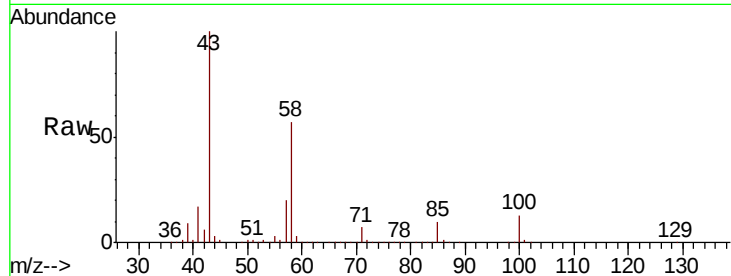




#59
2-Hexanone
Concen: 272.146 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

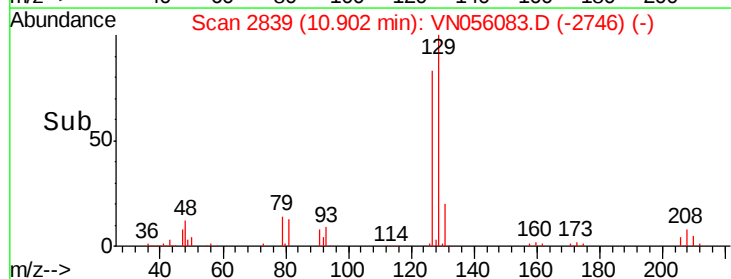
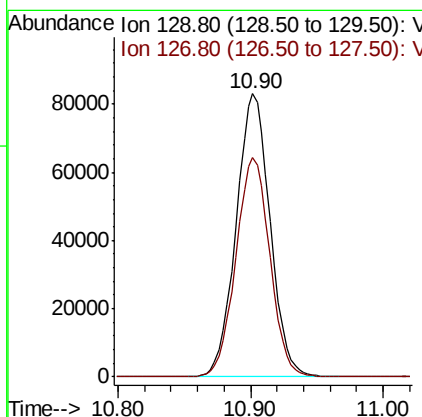
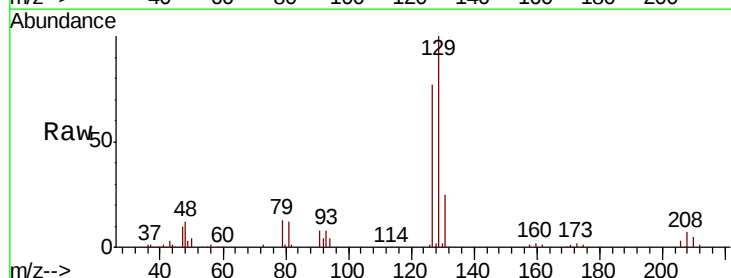
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

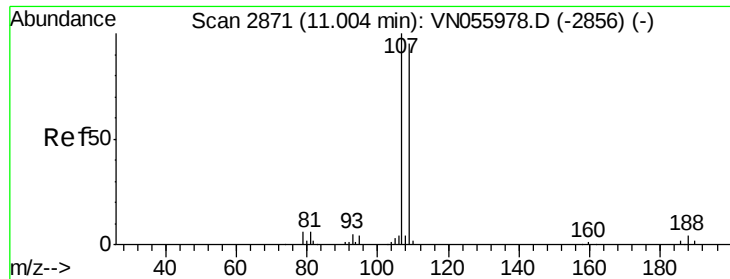
Tot Ion: 43 Resp: 666703
Ion Ratio Lower Upper
43 100
58 57.4 28.2 84.7



#60
Dibromochloromethane
Concen: 47.778 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion: 129 Resp: 147531
Ion Ratio Lower Upper
129 100
127 77.7 38.1 114.3





#61

1,2-Dibromoethane

Concen: 53.908 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

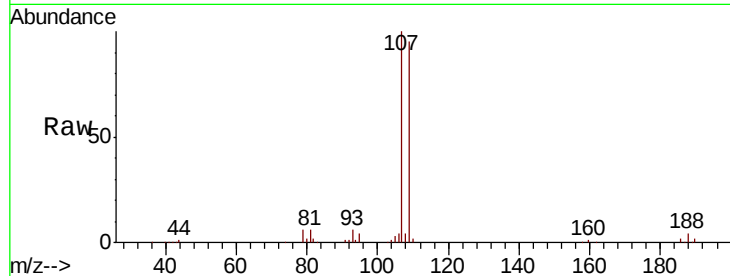
VSTDCCC050EC

Tot Ion: 107 Resp: 154667

Ion Ratio Lower Upper

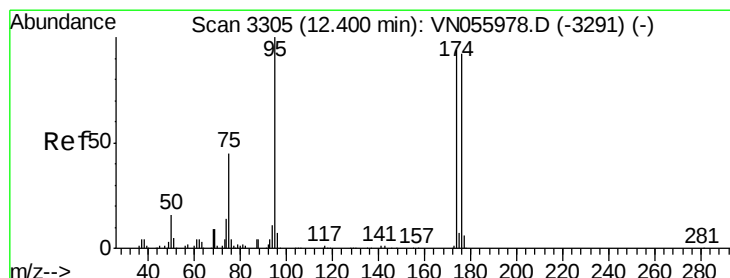
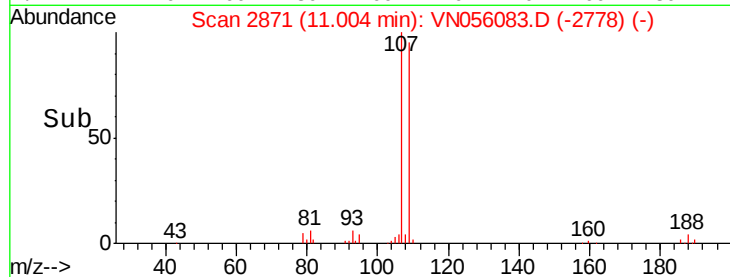
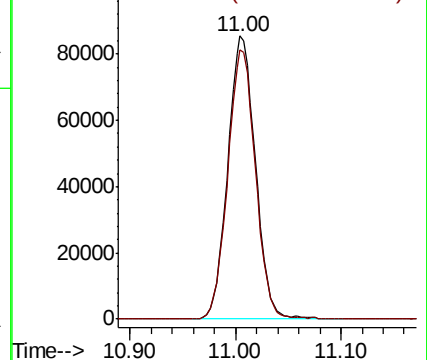
107 100

109 95.2 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.203 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

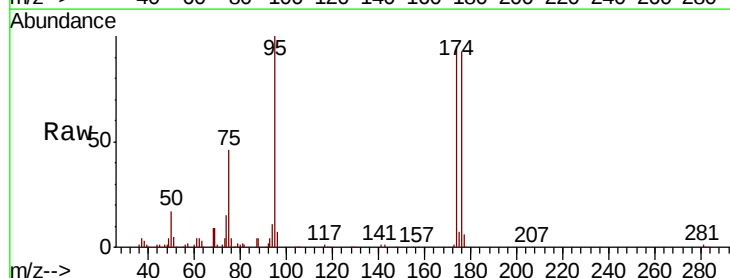
Tgt Ion: 95 Resp: 179230

Ion Ratio Lower Upper

95 100

174 96.2 0.0 191.0

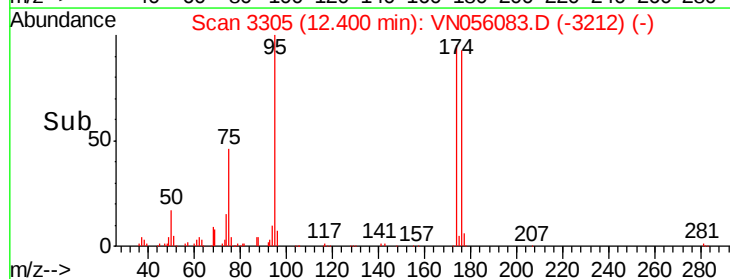
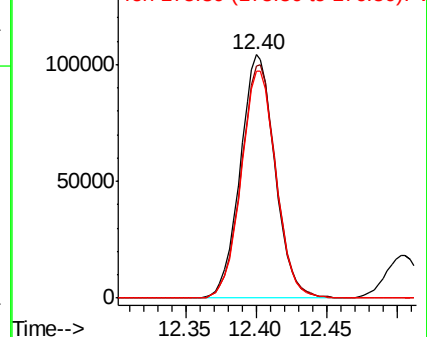
176 93.6 0.0 185.2

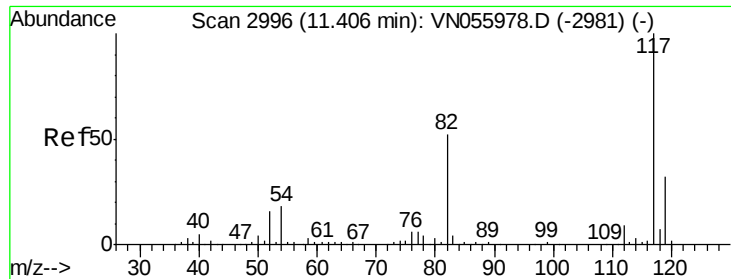


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

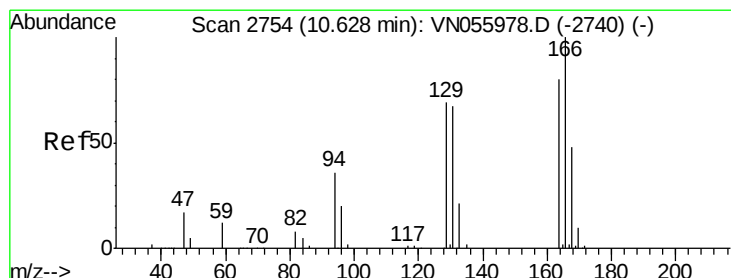
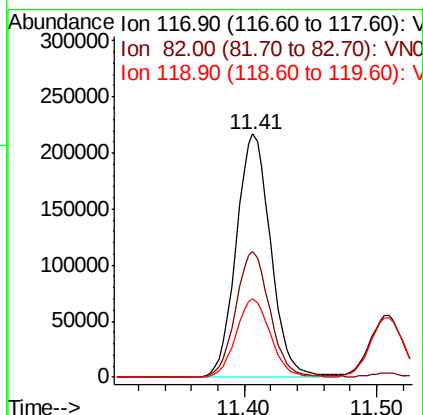
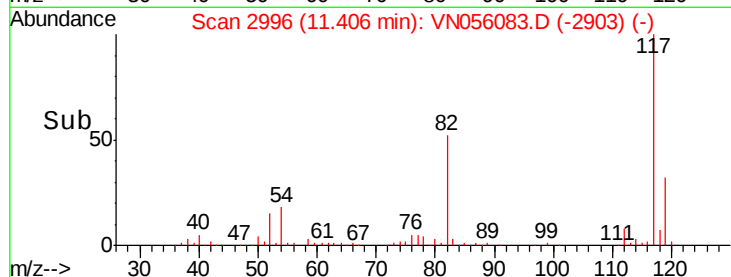
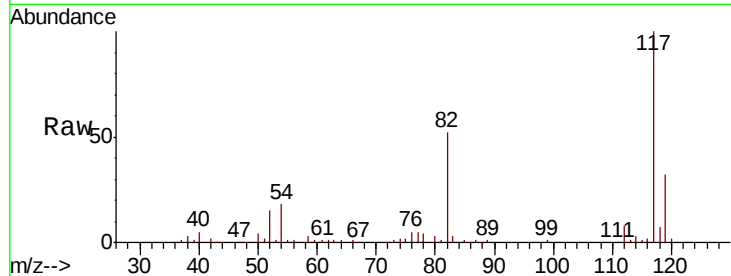




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

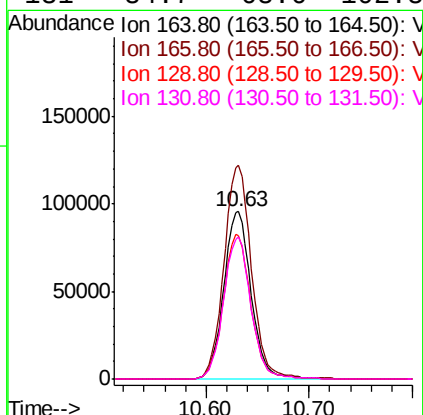
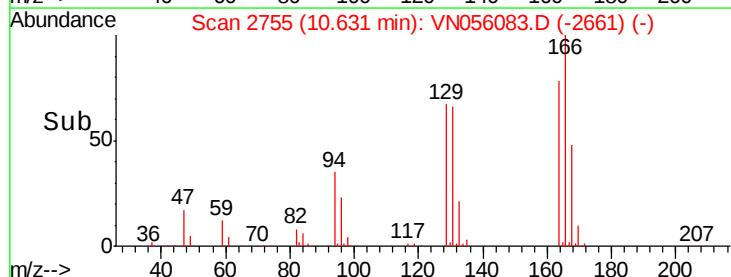
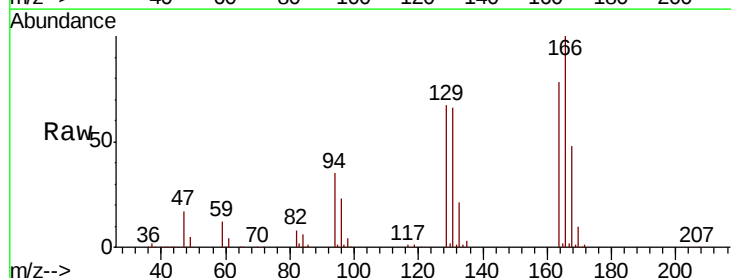
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

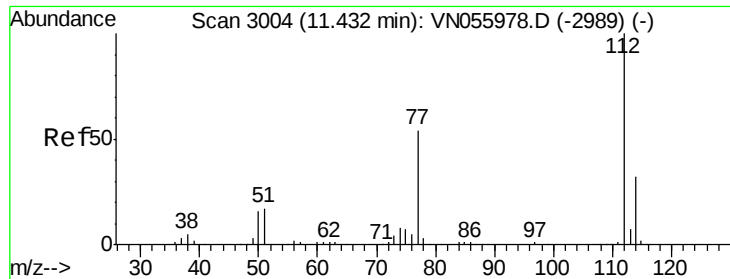
Tot Ion:117 Resp: 392848
Ion Ratio Lower Upper
117 100
82 51.8 41.8 62.8
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 52.147 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion:164 Resp: 177329
Ion Ratio Lower Upper
164 100
166 127.6 103.0 154.6
129 85.5 70.6 105.8
131 84.7 68.6 102.8

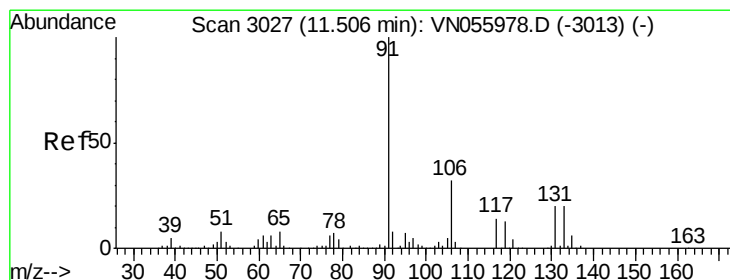
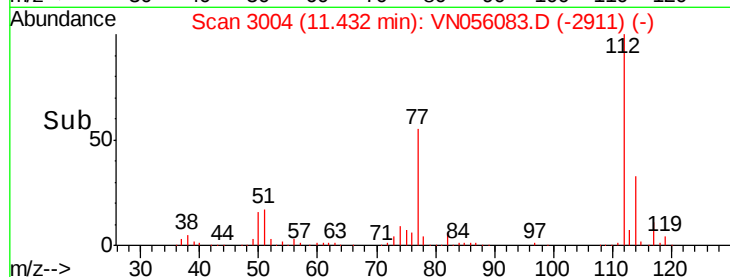
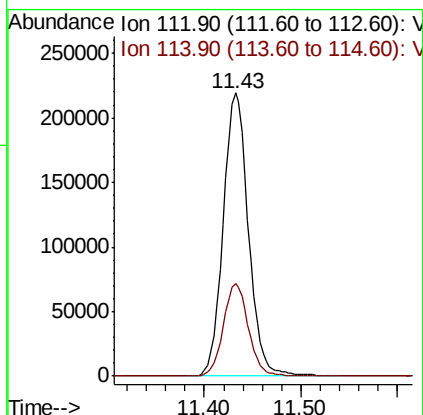
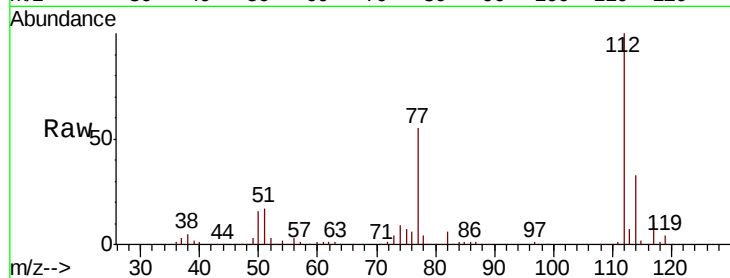




#65
Chlorobenzene
Concen: 50.695 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

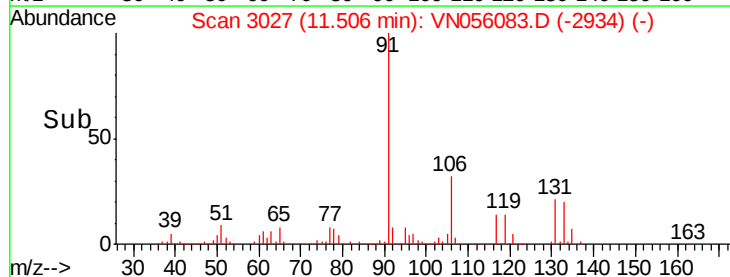
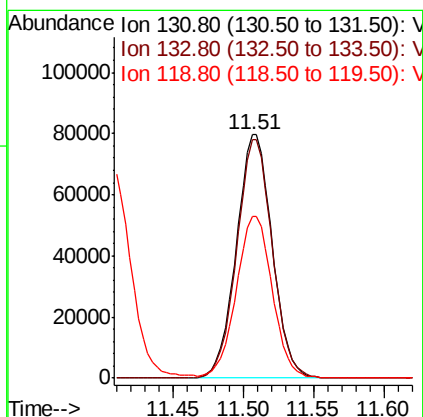
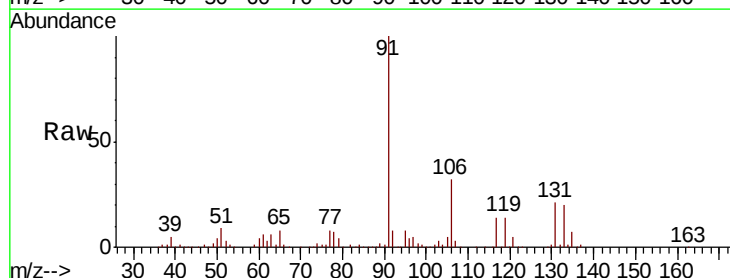
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

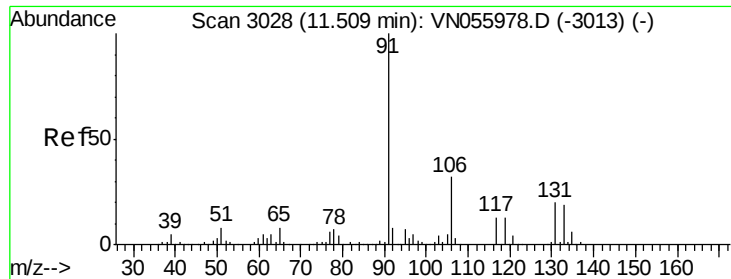
Tot Ion:112 Resp: 396357
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.526 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion:131 Resp: 141800
Ion Ratio Lower Upper
131 100
133 97.1 48.0 144.0
119 66.8 33.1 99.5

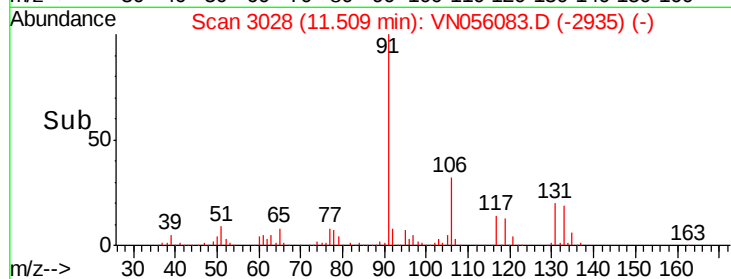
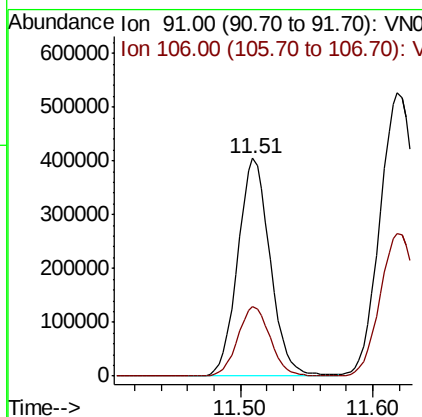
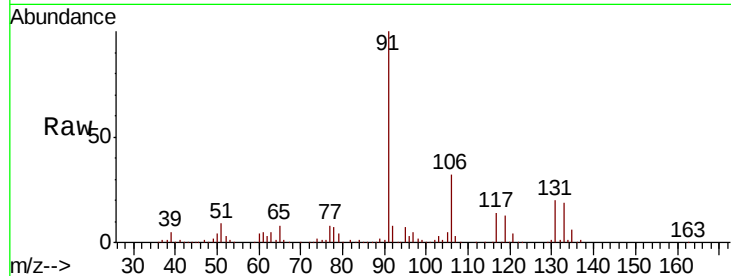




#67
Ethyl Benzene
Concen: 50.528 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

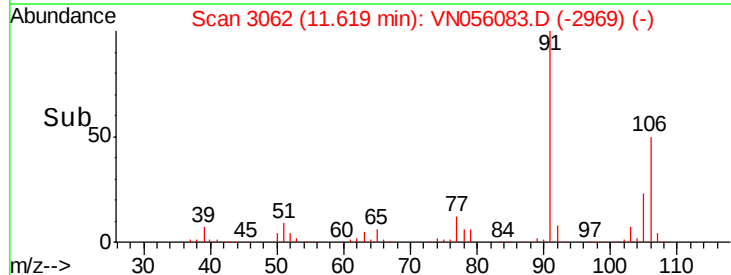
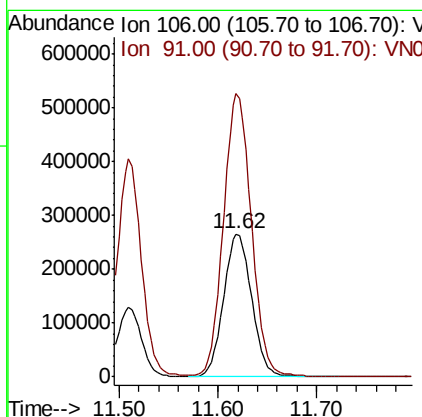
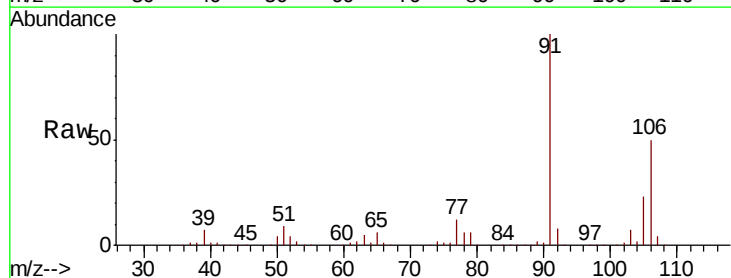
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

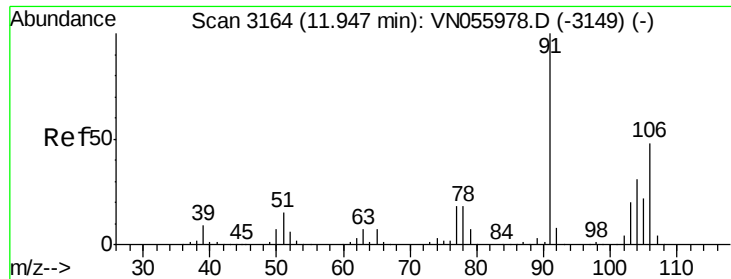
Tot Ion: 91 Resp: 686935
Ion Ratio Lower Upper
91 100
106 31.7 25.1 37.7



#68
m/p-Xylenes
Concen: 102.351 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion: 106 Resp: 531555
Ion Ratio Lower Upper
106 100
91 196.9 159.3 238.9

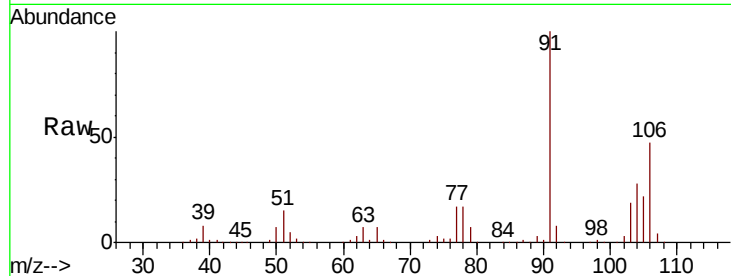




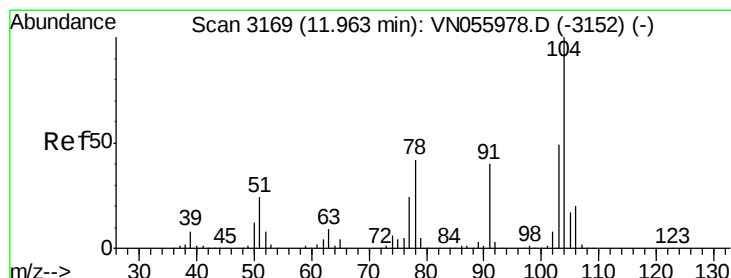
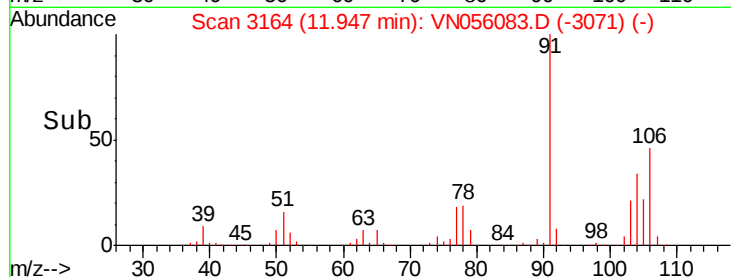
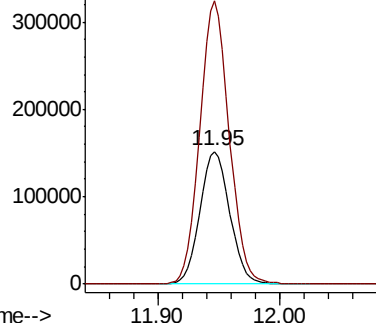
#69
o-Xylene
Concen: 50.752 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 259272
Ion Ratio Lower Upper
106 100
91 210.0 104.7 314.1

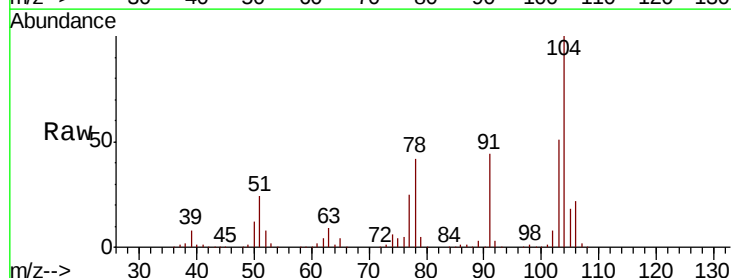


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

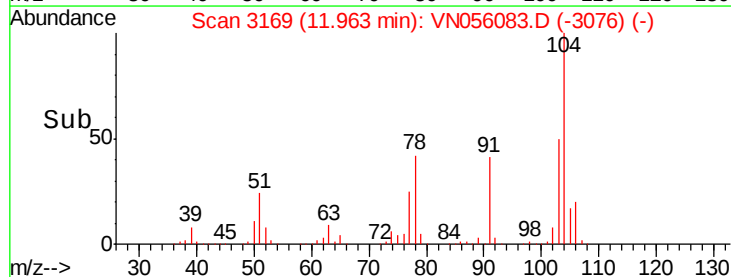
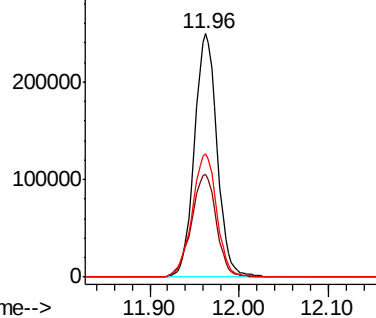


#70
Styrene
Concen: 54.091 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion:104 Resp: 439048
Ion Ratio Lower Upper
104 100
78 46.5 37.8 56.6
103 54.9 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

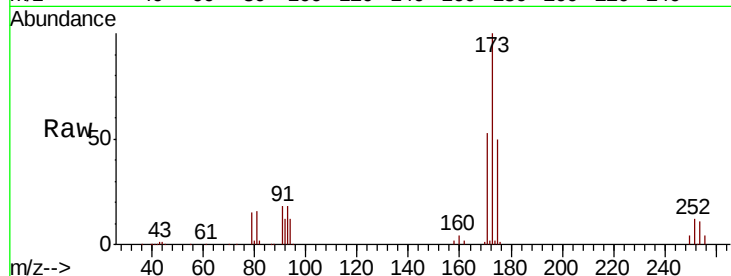




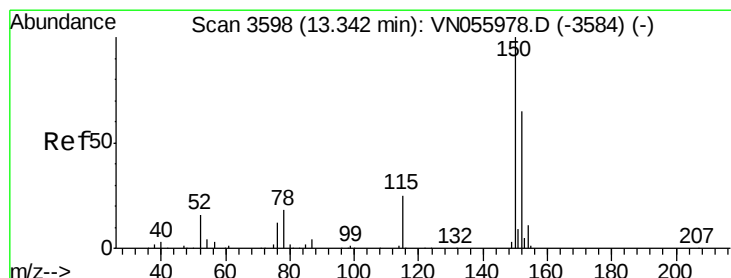
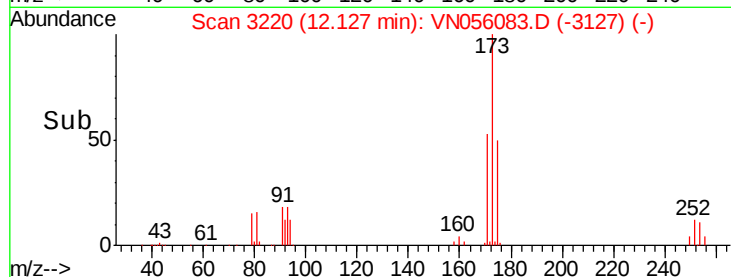
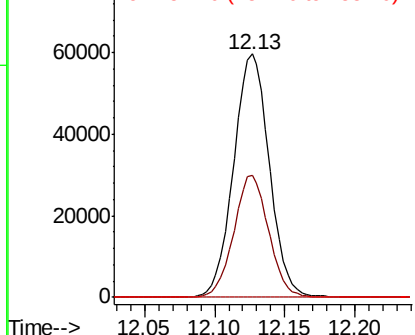
#71
Bromoform
Concen: 46.839 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 105745
Ion Ratio Lower Upper
173 100
175 49.0 24.3 72.8
254 0.0 0.0 0.0

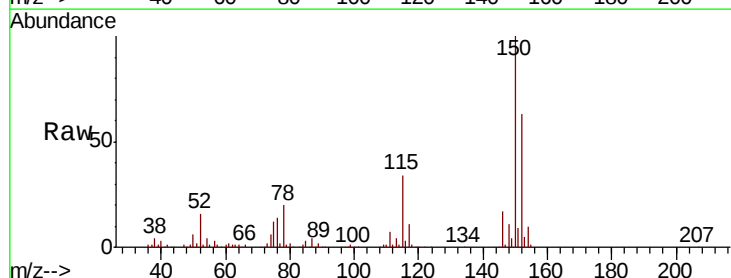


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

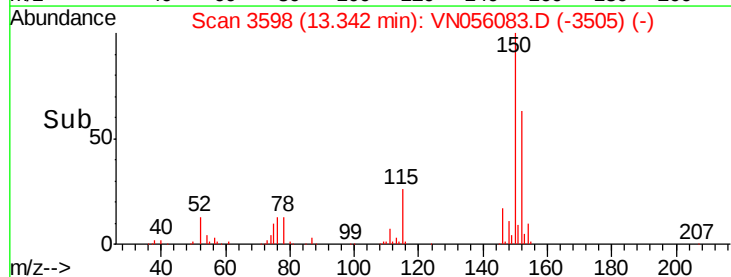
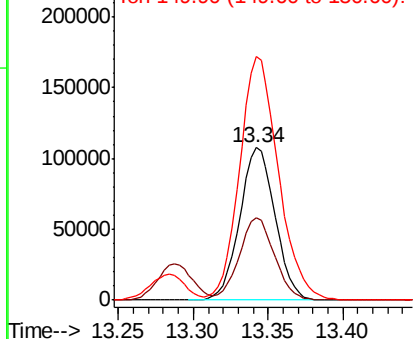


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion:152 Resp: 176884
Ion Ratio Lower Upper
152 100
115 53.5 27.0 81.0
150 175.2 0.0 343.2



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: 54.228 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

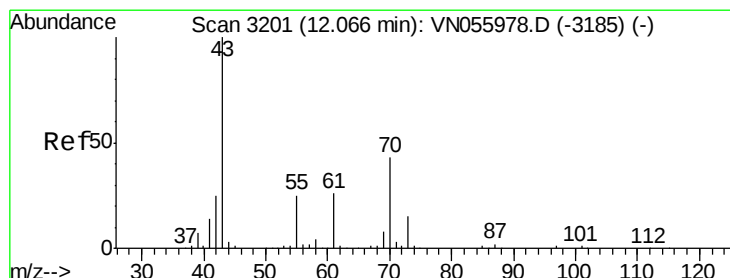
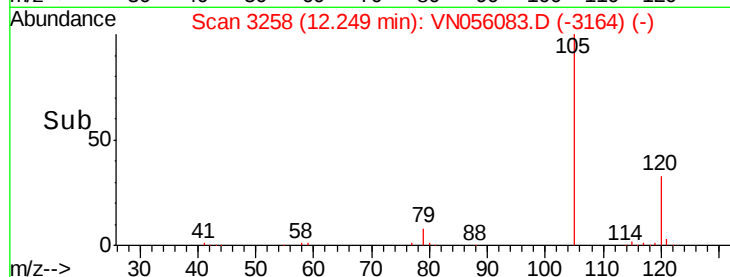
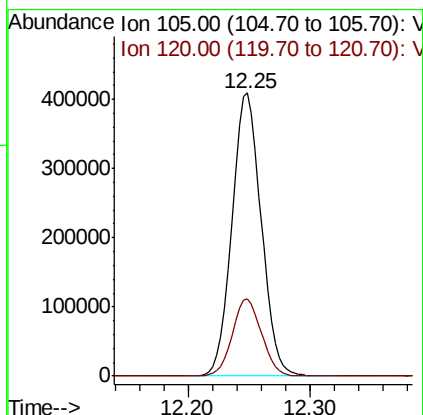
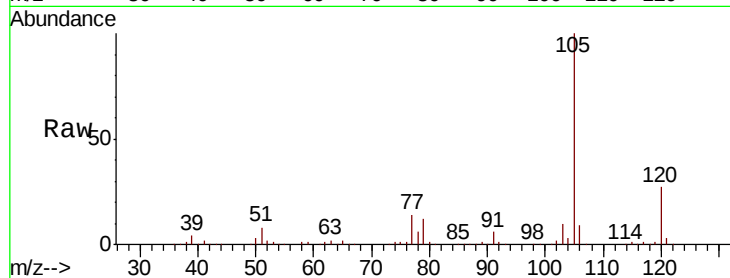
VSTDCCC050EC

Tot Ion:105 Resp: 681143

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.7



#74

N-ethyl acetate

Concen: 52.705 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Tgt Ion: 43 Resp: 248508

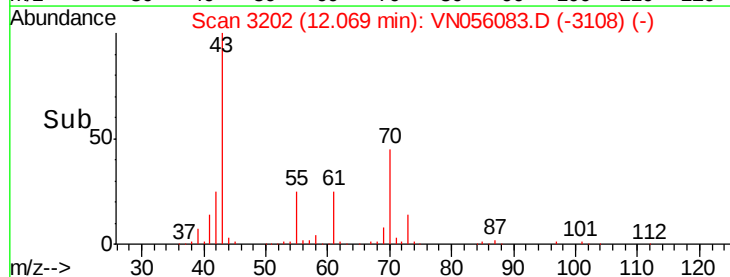
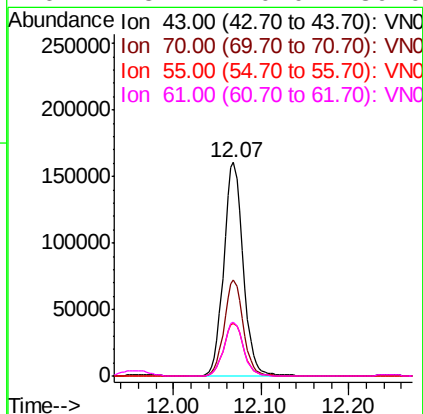
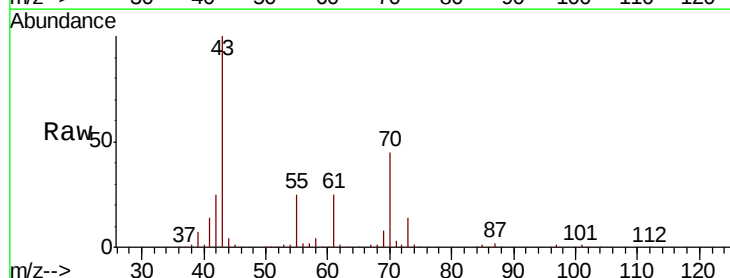
Ion Ratio Lower Upper

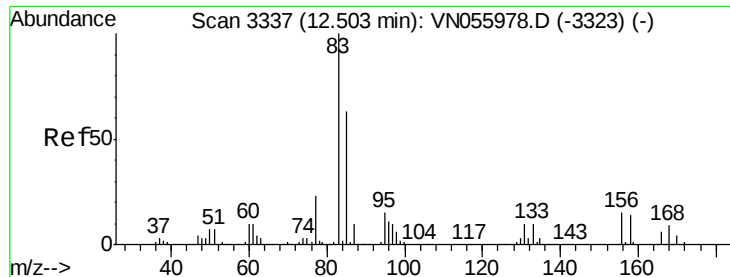
43 100

70 43.9 34.0 51.0

55 25.2 18.6 28.0

61 25.4 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.401 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

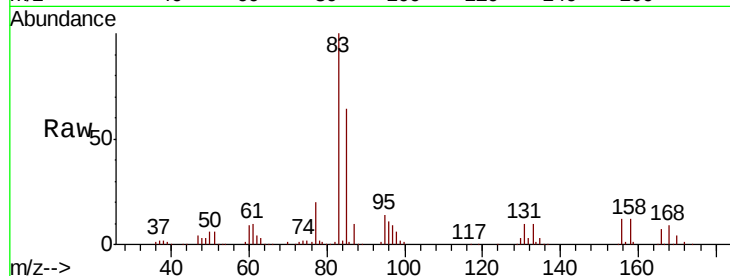
Tot Ion: 83 Resp: 211066

Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

85 63.9 32.4 97.0



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

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

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

12.50

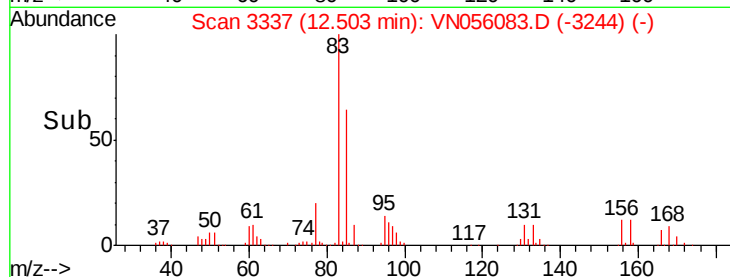
150000

100000

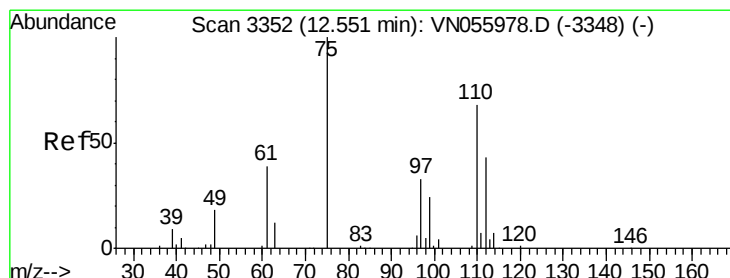
50000

0

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 72.835 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056083.D

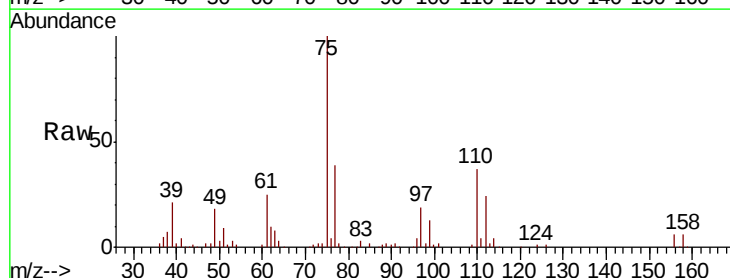
Acq: 7 Jun 2019 7:39

Tgt Ion: 75 Resp: 237058

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



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

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

12.55

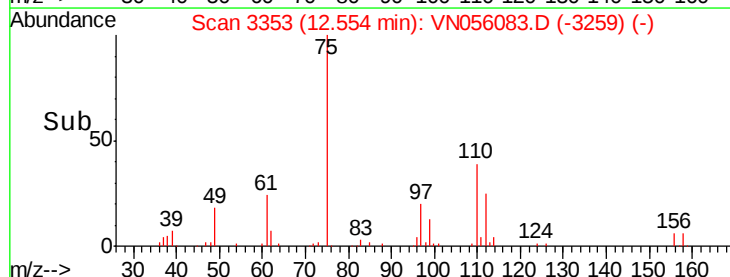
150000

100000

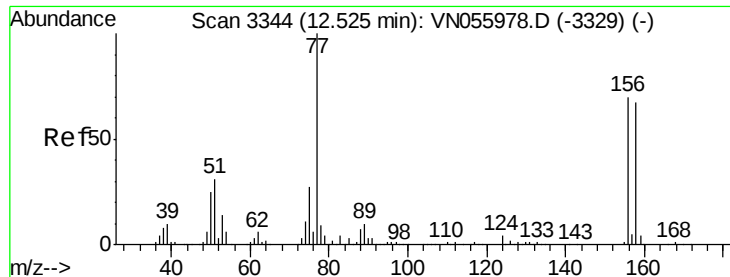
50000

0

Time-->



Time-->



#77

Bromobenzene

Concen: 49.140 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

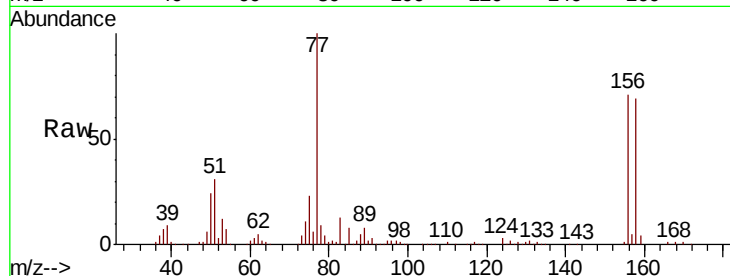
Tot Ion:156 Resp: 186094

Ion Ratio Lower Upper

156 100

77 174.7 90.8 272.5

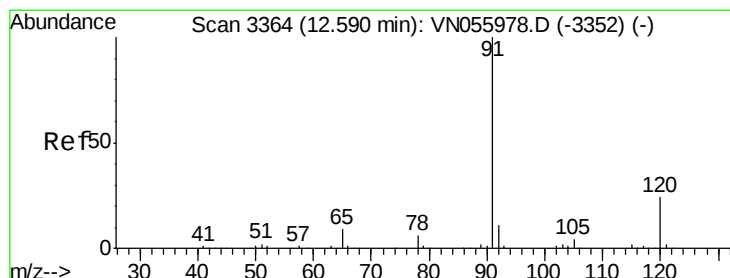
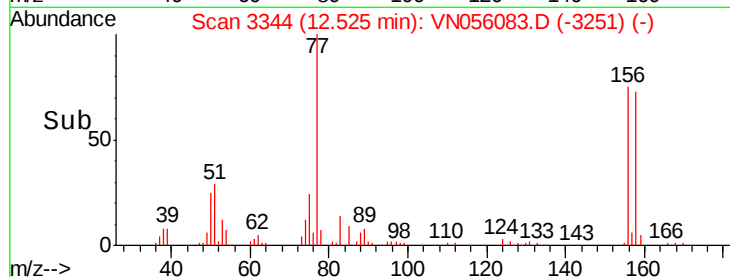
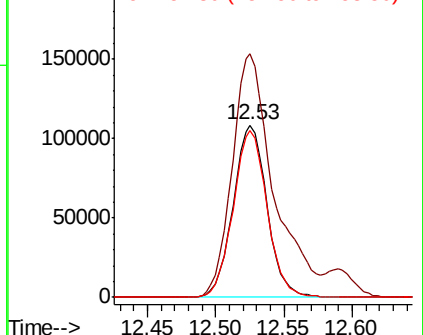
158 97.3 49.3 147.8



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: 49.125 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056083.D

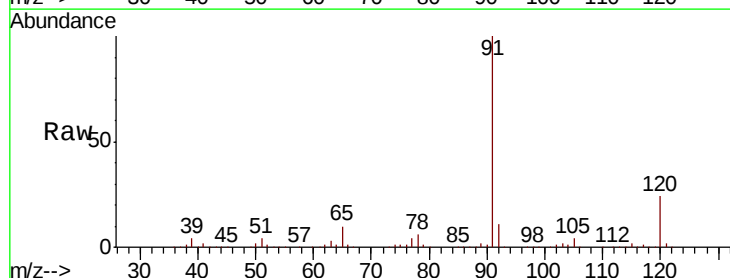
Acq: 7 Jun 2019 7:39

Tgt Ion: 91 Resp: 735126

Ion Ratio Lower Upper

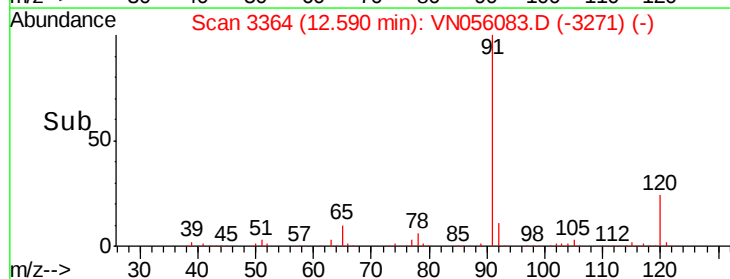
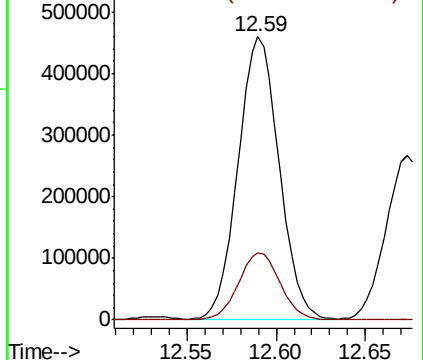
91 100

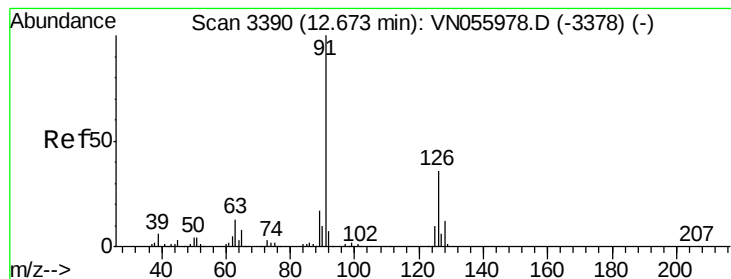
120 24.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.475 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

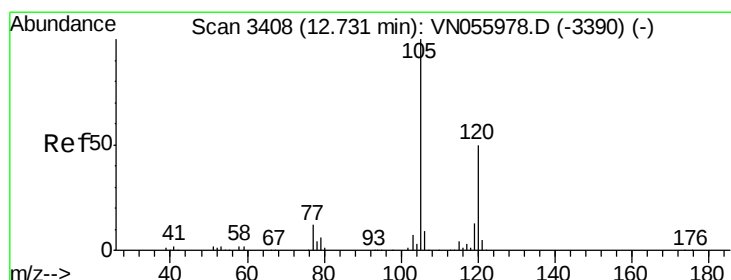
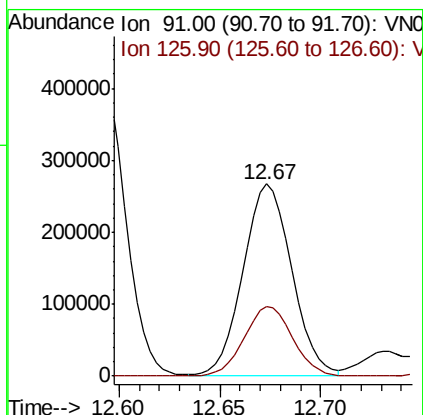
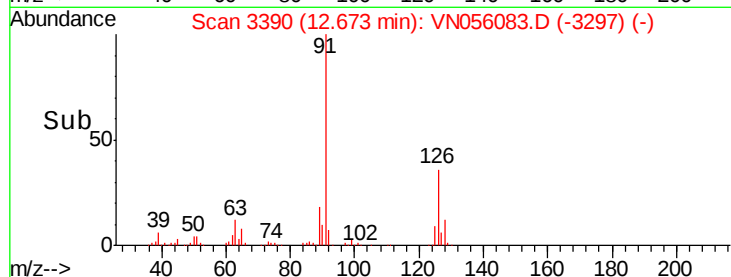
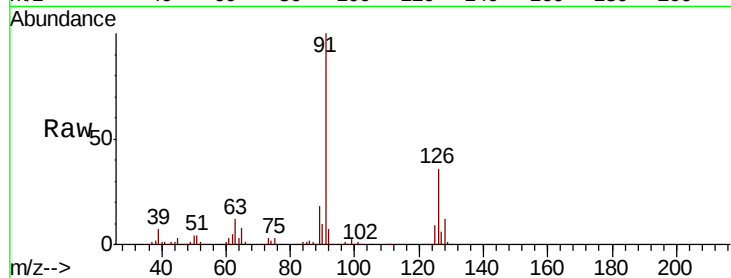
VSTDCCC050EC

Tot Ion: 91 Resp: 450429

Ion Ratio Lower Upper

91 100

126 36.2 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 47.687 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN056083.D

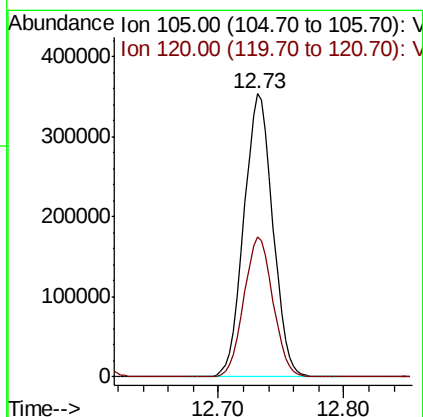
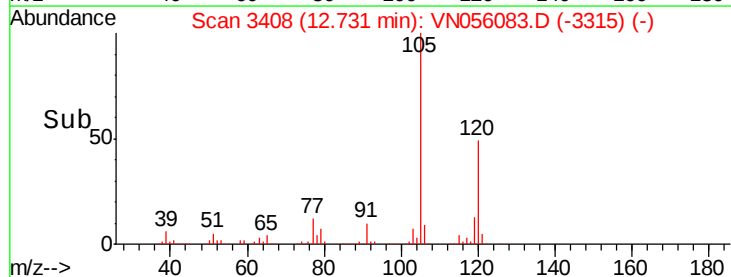
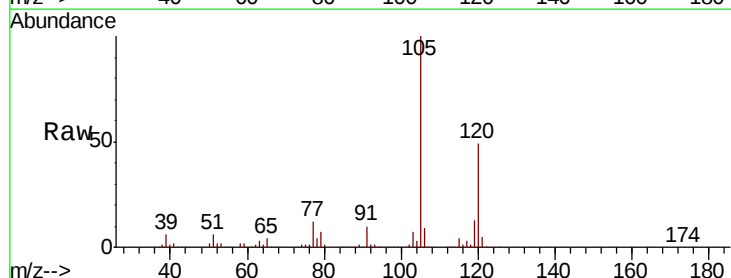
Acq: 7 Jun 2019 7:39

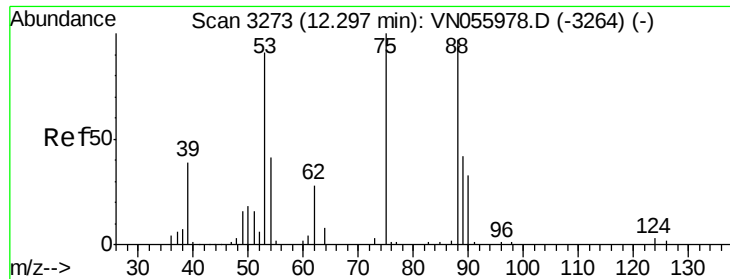
Tgt Ion: 105 Resp: 567144

Ion Ratio Lower Upper

105 100

120 49.7 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 43.062 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

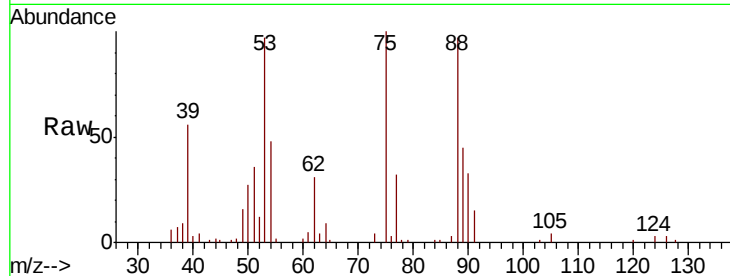
Tot Ion: 75 Resp: 42086

Ion Ratio Lower Upper

75 100

53 99.6 68.1 102.1

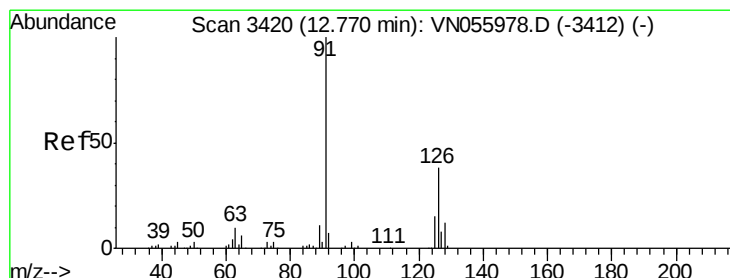
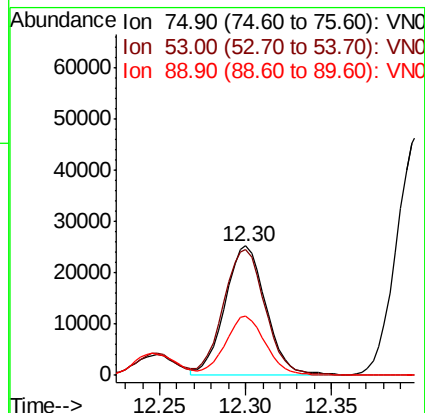
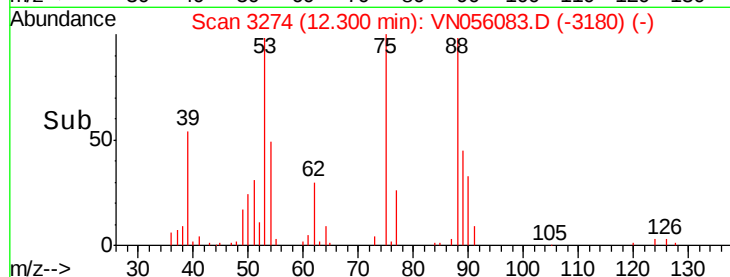
89 44.6 36.9 55.3



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: 50.124 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056083.D

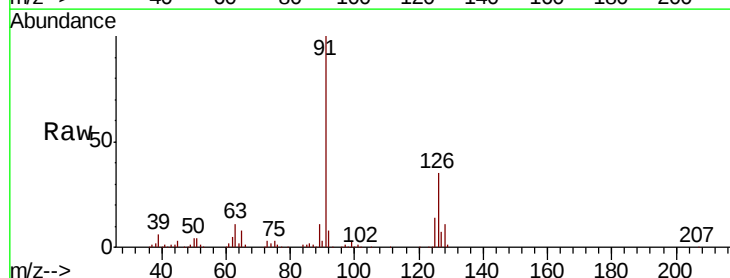
Acq: 7 Jun 2019 7:39

Tgt Ion: 91 Resp: 438820

Ion Ratio Lower Upper

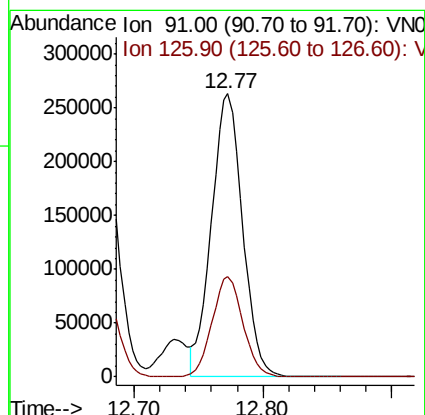
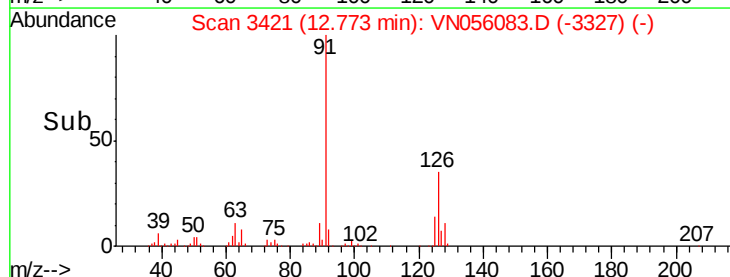
91 100

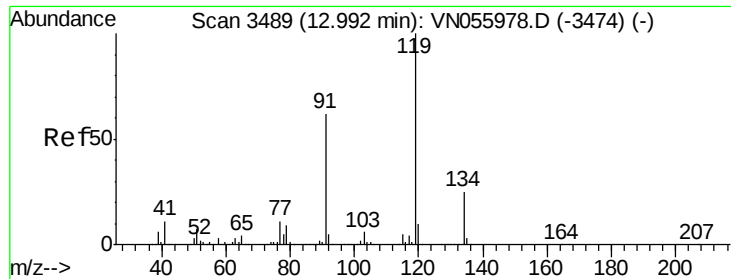
126 35.4 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

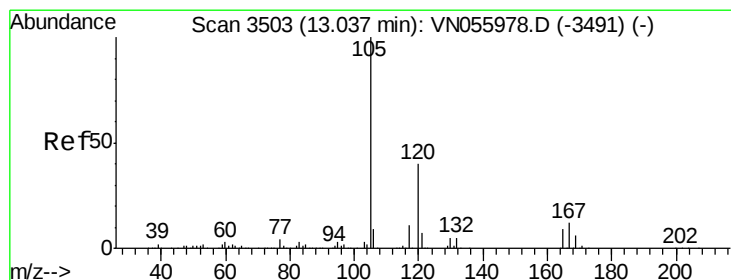
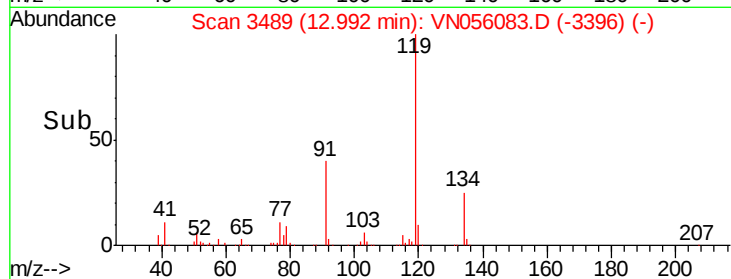
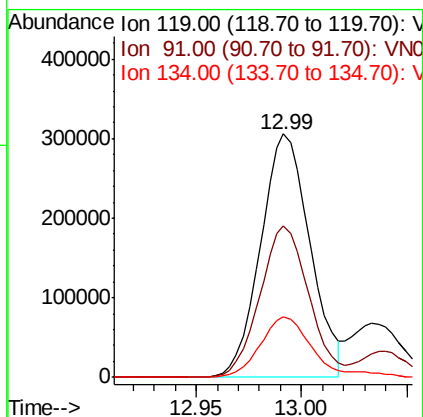
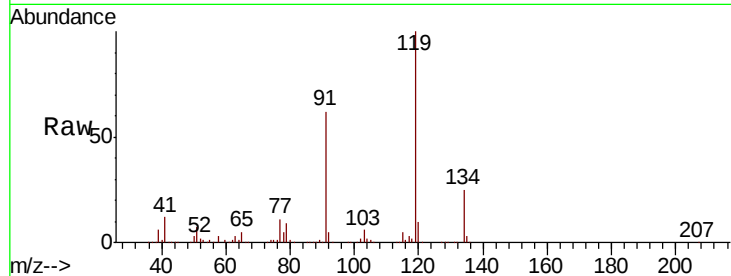




#83
tert-Butylbenzene
Concen: 54.225 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

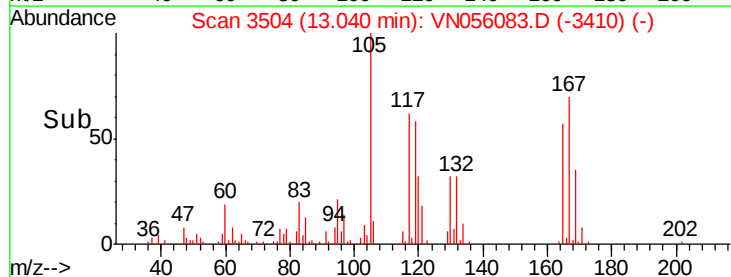
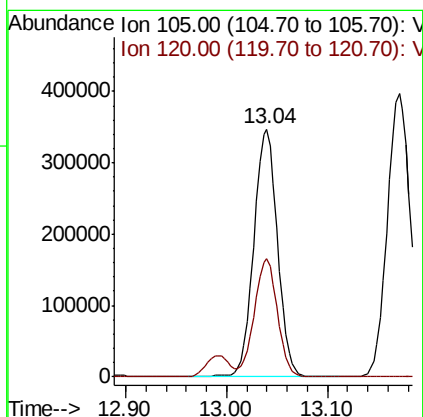
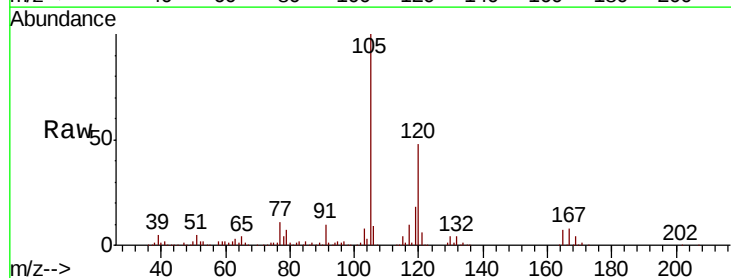
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

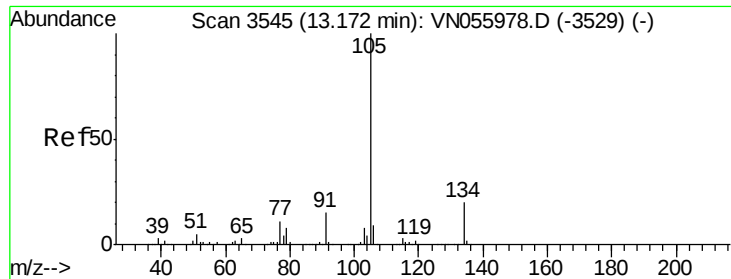
Tot Ion:119 Resp: 498239
Ion Ratio Lower Upper
119 100
91 61.3 30.9 92.8
134 26.6 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 49.612 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion:105 Resp: 559530
Ion Ratio Lower Upper
105 100
120 46.6 23.0 69.0





#85

sec-Butylbenzene

Concen: 48.334 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

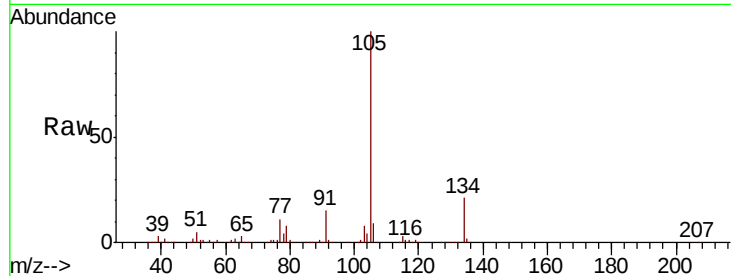
VSTDCCC050EC

Tot Ion:105 Resp: 640532

Ion Ratio Lower Upper

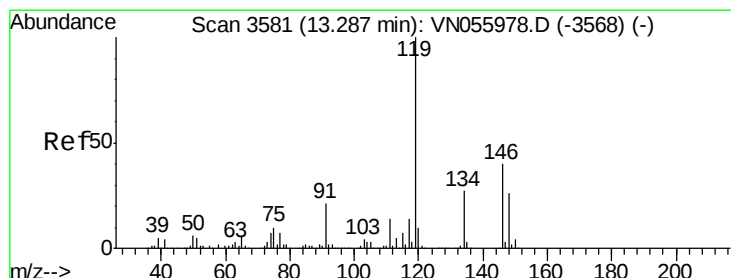
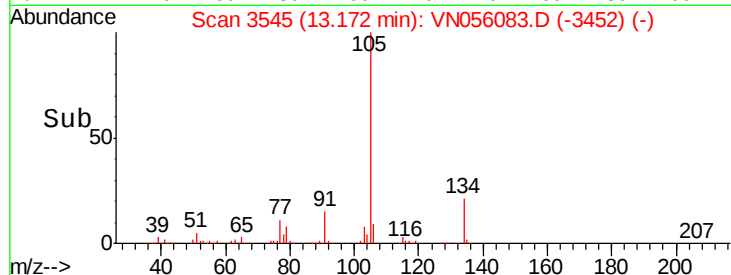
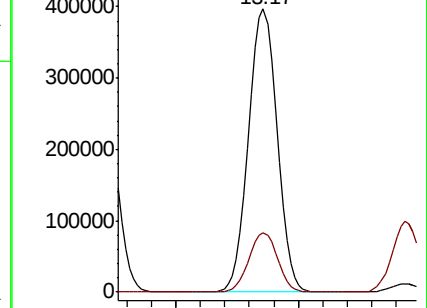
105 100

134 20.9 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.787 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

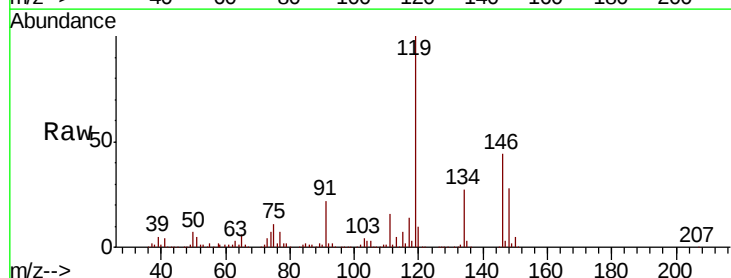
Tgt Ion:119 Resp: 578623

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

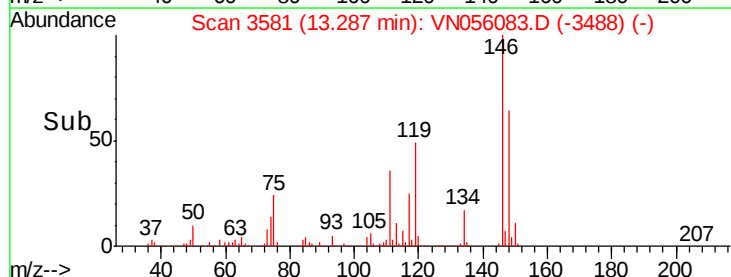
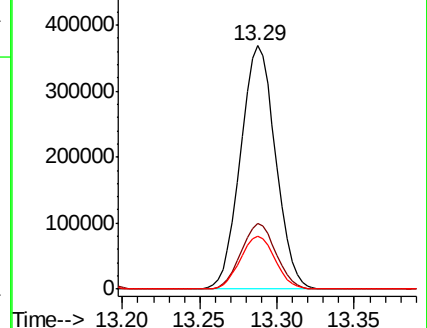
91 21.8 10.9 32.9

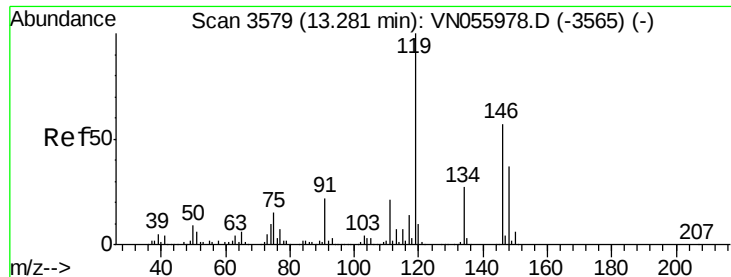


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 51.088 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

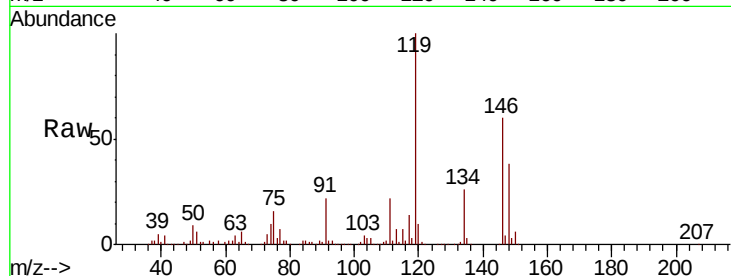
Tot Ion:146 Resp: 299437

Ion Ratio Lower Upper

146 100

111 36.3 18.5 55.5

148 64.1 32.0 96.2

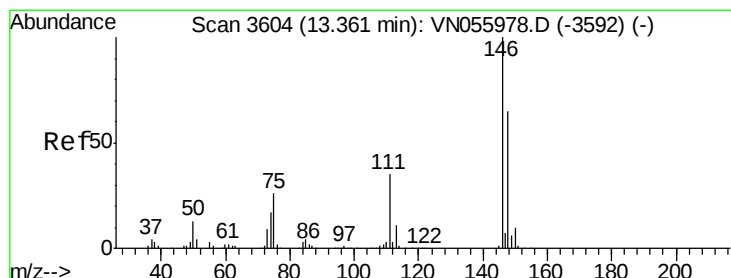
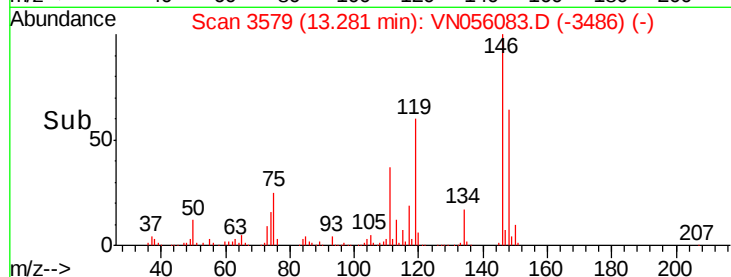
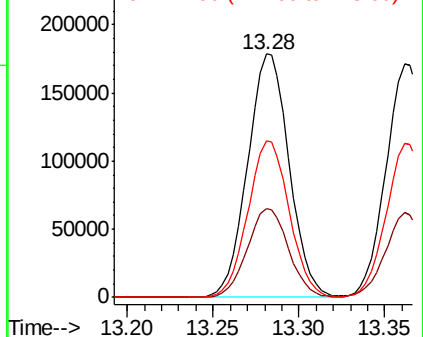


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.176 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

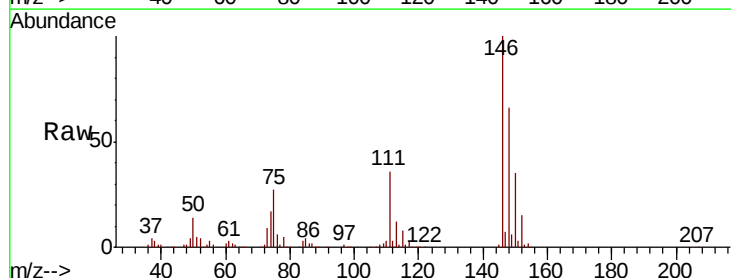
Tgt Ion:146 Resp: 288546

Ion Ratio Lower Upper

146 100

111 35.5 18.1 54.4

148 64.8 32.1 96.5

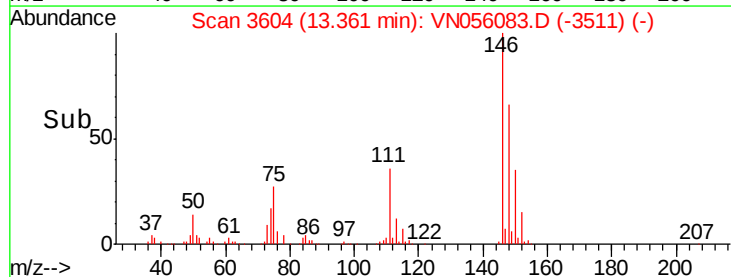
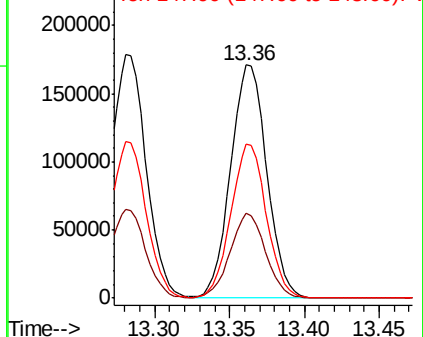


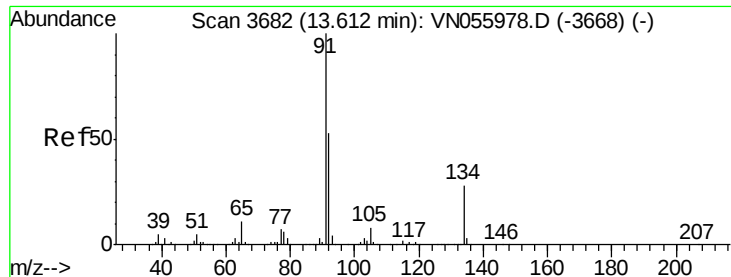
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

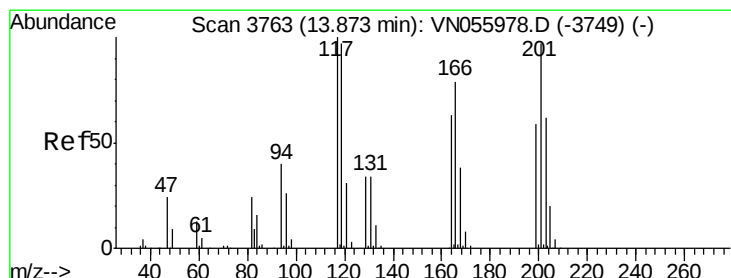
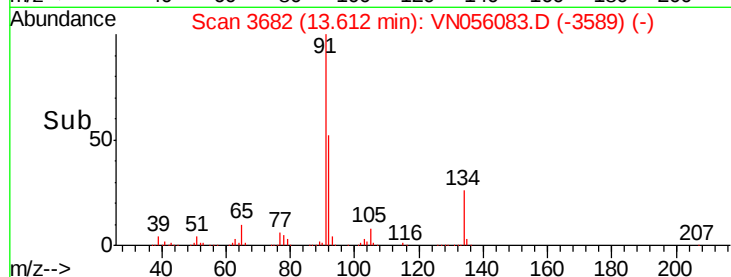
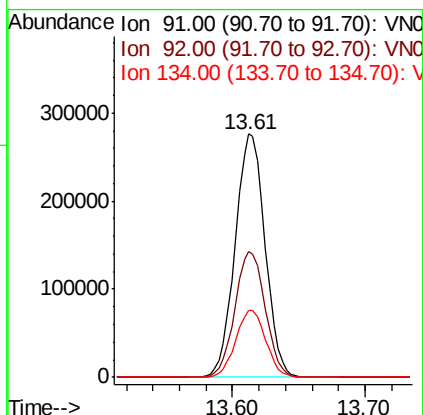
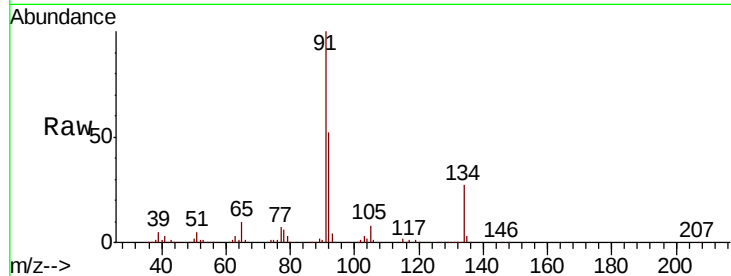




#89
n-Butylbenzene
Concen: 49.229 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

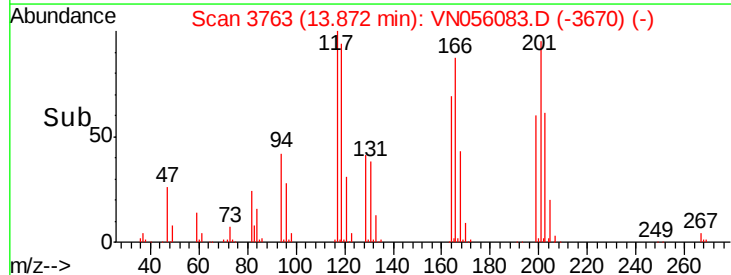
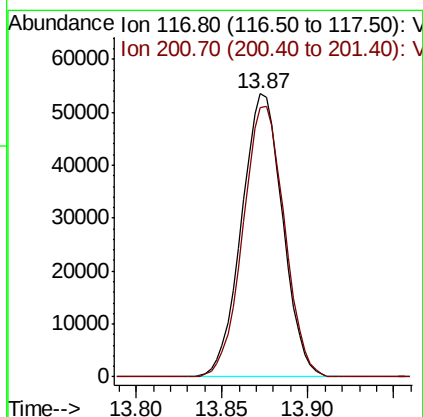
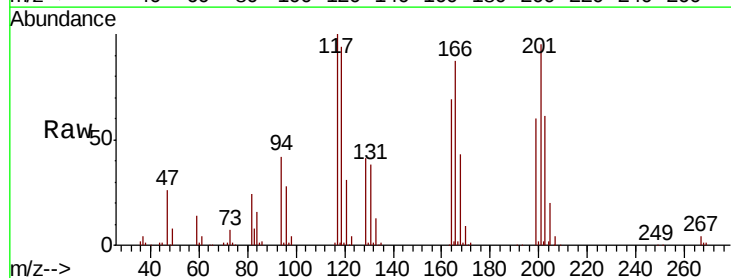
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 432523
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.0
134 27.7 13.9 41.7



#90
Hexachloroethane
Concen: 49.680 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion: 117 Resp: 88860
Ion Ratio Lower Upper
117 100
201 96.2 50.0 150.0

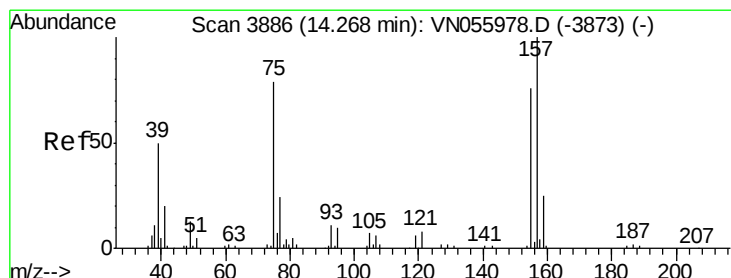
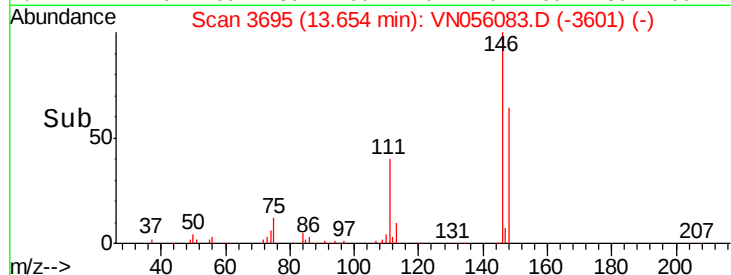
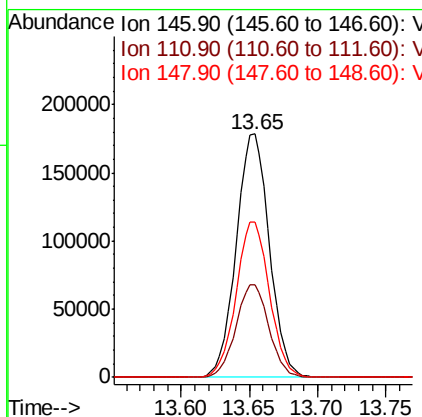
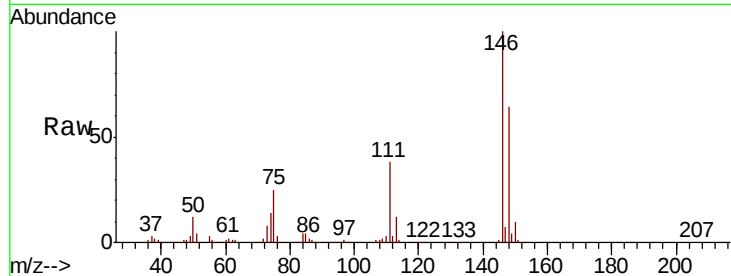




#91
 1,2-Dichlorobenzene
 Concen: 50.818 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

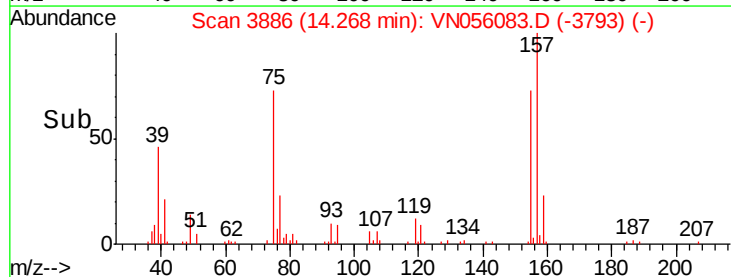
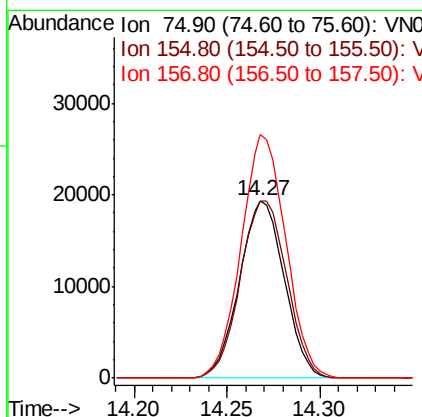
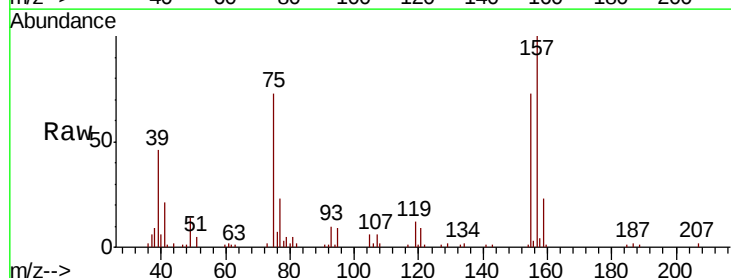
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 300720
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.1 57.5
 148 64.0 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.297 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Tgt Ion: 75 Resp: 32477
 Ion Ratio Lower Upper
 75 100
 155 103.7 50.0 150.1
 157 136.9 64.8 194.3

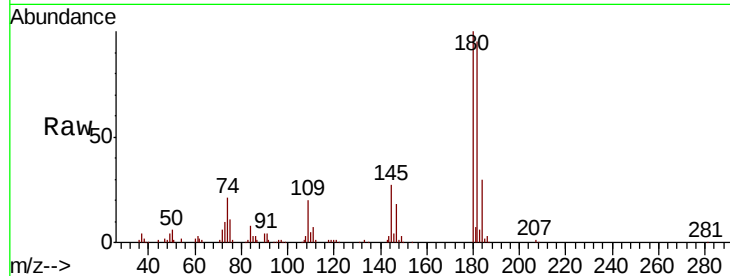




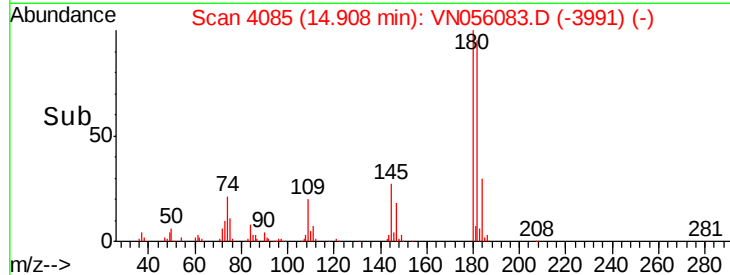
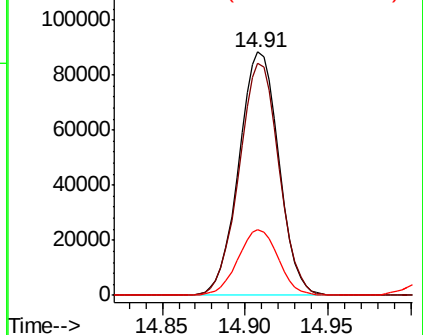
#93
 1,2,4-Trichlorobenzene
 Concen: 45.782 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 148009
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.3 144.9
 145 27.4 14.0 41.9

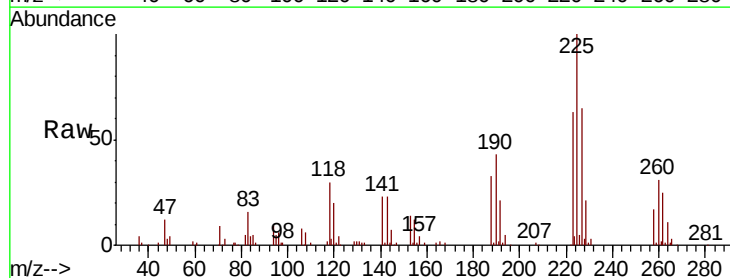


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

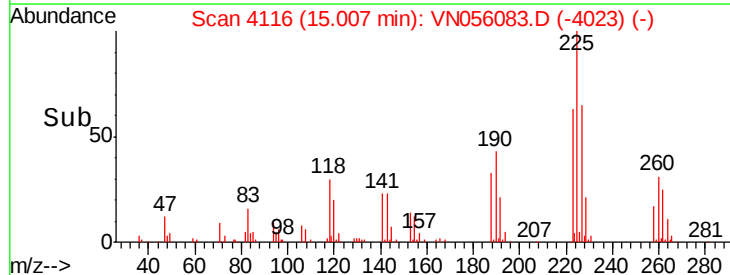
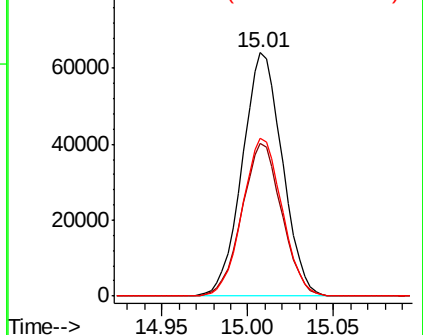


#94
 Hexachlorobutadiene
 Concen: 51.174 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Tgt Ion:225 Resp: 103764
 Ion Ratio Lower Upper
 225 100
 223 62.4 30.9 92.7
 227 64.1 31.6 94.7



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: 48.634 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

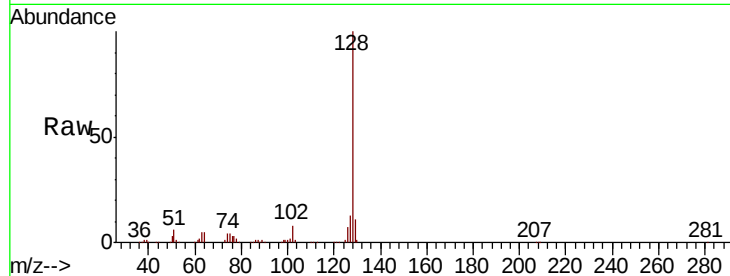
Tot Ion:128 Resp: 410501

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.9 8.7 13.1

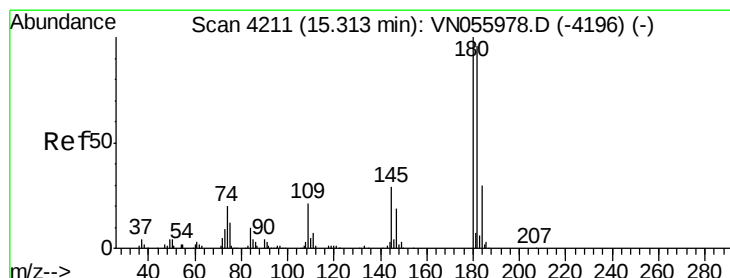
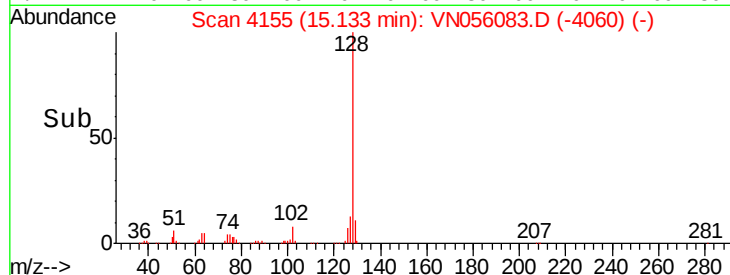
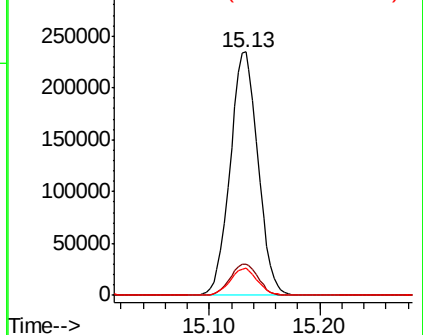


Abundance

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: 48.632 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

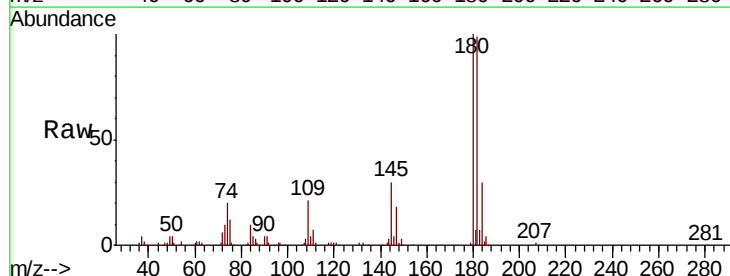
Tgt Ion:180 Resp: 161326

Ion Ratio Lower Upper

180 100

182 97.3 47.9 143.7

145 29.7 14.9 44.7



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

